

# POLY-FIBER AIRCRAFT COATINGS

## AIRCRAFT SPRUCE - WORLD'S LARGEST DISTRIBUTOR OF POLY-FIBER PRODUCTS



This FAA approved process utilizing Poly-Fiber Dacron polyester and the unique "Poly" line of finishes assures a beautiful, durable, weather-resistant cover job every time. Documented time tested results by the professionals. The Poly-Fiber Covering Process was issued Supplemental Type Certificate No. SA-1008-WE in 1965 and this number will apply to all aircraft.

**Note:** Formerly known as Stits covering process. Only Poly-Fiber materials may be used through the topcoat paint to comply with STC requirements. Poly-Fiber finishes are required for approval. Poly-Fiber is approved for use on most certified aircraft. To be sure, check the Master Eligibility List in the latest revision of Poly-Fiber Procedure Manual No. 1.

### POLY-FIBER FABRIC UNCERTIFIED LIGHT

1.7 oz., lightweight fabric recommended for covering ultralight aircraft. This fabric will be unstamped. **It is not approved for certified aircraft except on plywood surfaces.**

60" Width.....P/N 09-02001 .....\$6.05 /Lineal Yd.

### MEDIUM WEIGHT

2.6 oz., standard fabric recommended for normal service on all types of aircraft regardless of speed, wing loading or horsepower.

70" Width.....P/N 09-01600 .....\$8.95 /Lineal Yd.

### HEAVY DUTY

3.4 oz., Recommended for severe operating conditions and very high wing loading aircraft where a very tough, durable, low elongation, high tension fabric is required and weight is not critical. Great for agricultural, aerobatic and bush planes.

70" Width.....P/N 09-01700 .....\$10.10 /Lineal Yd.

### POLYESTER PADDING

Non-woven, 45" wide, 3 oz. per yard. Used under fabric on wing leading edge and turtle deck to smooth rough surfaces. P/N 09-01750 .....\$6.55

### PINKED EDGE POLYESTER FINISHING TAPES

\* Style - L indicates Linear Cut \*Style - B indicates Bias Cut.

Part No.	Style #	Roll Width	Roll Length	Price.
09-02200	Med.	1"	25 yds.	\$11.35
09-02400	Med.	1-1/2"	25 yds.	\$13.55
09-02450	Med.	2"	25 yds.	\$20.50
09-02500	Med.	2"	50 yds.	\$27.70
09-02900	Med.	3"	25 yds.	\$21.95
09-03300	Med.	4"	25 yds.	\$25.35
09-03350	Med.	6"	25 yds.	\$35.55
09-02300	Light	1"	25 yds.	\$13.25
09-02350	Light	1-1/2"	25 yds.	\$15.25
09-02705	Light	2"	25 yds.	\$19.95
09-02700	Light	2"	50 yds.	\$27.35
09-03100	Light	3"	25 yds.	\$21.55
09-03400	Light	4"	25 yds.	\$25.20
09-03545	Light	6"	25 yds.	\$35.30
09-03565	Bias	2"	25 yds.	\$24.10
09-03570	Bias	3"	25 yds.	\$34.80
09-03580	Bias	4"	25 yds.	\$44.70

### POLY-FIBER TAPES, CORD & THREAD

Item	P/N	Yds.	Spool	Price
Reinforcing Tape	1/4" Wide	09-03500	60	\$36.35
	3/8" Wide	09-03600	60	\$37.70
	1/2" Wide	09-03700	60	\$38.80
Rib Lacing Cord	(Std. Round)	09-03800	500	\$19.00
	Rib Cord, Flat	09-03810	500	\$37.40
Sewing Thread	Machine	09-03900	500	\$12.60
	Hand	09-04000	250	\$9.75

### HEAVY INTER-RIB BRACING TAPE

Non-adhesive polyester twill tape for inter-rib bracing. Twice as strong as cotton tape. 36 yd. rolls. 1/2" Wide P/N 09-40912 .....\$13.05

### AIRCRAFT FABRIC COVERING



*Aircraft Fabric Covering* is a must for anyone who wants to cover their own airplane. This 2-hour comprehensive video presents every aspect of the Poly-Fiber™ fabric covering process in detail, and in easy-to-understand language. From preparing the airplane for covering to spraying on the colors, you are guided step by step through the entire process by a professional EAA SportAir fabric instructor. When used in conjunction with the Poly-Fiber manual, *Aircraft Fabric Covering* removes the mystery surrounding this important process in the construction or restoration of your airplane. **Information covered includes:** • Preparing surfaces • Attaching the fabric • Tightening the fabric •

Applying the first coat of Poly-Brush • Tying rib-lacing knots • Applying finishing tapes • Spraying UV-blocking chemical • Poly-Spray • Applying the color coats. VHS .....P/N 13-40428 .....\$39.95  
DVD .....P/N 13-02651 .....\$20.00

### THE POLY-FIBER PRACTICE KIT



If you're thinking of building a fabric-covered airplane but are wondering what the covering process is like, this is the perfect answer. You get a practice frame, fabric, tapes, needles, rib lacing cord, thermometer, instructions, and all the coatings you need to work through the Poly-Spray stage. There's enough of everything to do the entire process twice. You'll see how easy and enjoyable fabric covering really is. P/N 09-06220 ..... \$40.00

### 'HOW TO COVER AN AIRCRAFT USING THE POLYFIBER SYSTEM'



The Official Poly-Fiber how-to manual. It's a whole covering course in a book. A spiral-bound classroom, as the ads say. 151 pages of clear, non-jargon, step-by-step instruction, the entire Poly-Fiber system, from basic materials to blue ribbon. In plain language & has a sense of humor all its own. Entire Poly-Fiber catalog of products is included. P/N 09-06000 .....\$10.00  
Poly-Fiber Color Card #50....P/N 09-00234 .....\$0.00

### POLY-FIBER SOLVENTS & CLEANERS

#### ALUMA-DYNE E-2300 CONVERSION COATING

(MIL-C-81706)

Chemically stabilizes aluminum surfaces, inhibits existing corrosion, provides increased corrosion resistance and improved adhesion of finishes. Qt. ....P/N 09-40510 .....\$7.10

#### ALUMA-DYNE E-2310 ETCH AND BRIGHTENER

An effective all purpose brush-on, wash-off phosphoric acid cleaner, brightener and paint preparation for all aluminum surfaces.

Qt. ....P/N 09-40530 .....\$13.35  
Gal. ....P/N 09-40540 .....\$43.45

#### ALUMA-DYNE E-2311 ETCHING & BRIGHTENING CREAM

An exclusive formula, all purpose brush-on, washoff cream cleaner, brightener and paint preparation for all aluminum surfaces. Will not drain from vertical or inverted surfaces.

Qt. ....P/N 09-40550 .....\$14.10  
Gal. ....P/N 09-40560 .....\$46.00

#### MAGNA-DYNE E-2390 CONVERSION COATING

(MIL-M-3171, Class VI)

A brush-on, wash-off chromic acid treatment for aircraft magnesium alloy surfaces. Provides corrosion protection and improved primer adhesion. Qt. ....P/N 09-40610 .....\$5.50

#### METL-SOL C-2200 METAL SURFACE CLEANER

A strong solvent blend formulated to remove oil, silicone, wax and other contaminants from all metal surfaces before priming. Not for painted surfaces.

Qt. ....P/N 09-40710 .....\$14.95  
Gal. ....P/N 09-40720 .....\$48.00

#### C-2210 PAINT SURFACE CLEANER

A mild solvent blend formulated to remove oil, silicone, wax and other contaminants from all painted or primed surfaces. Also removes tape gum from painted surfaces and acrylic windshield materials.

Qt. ....P/N 09-40810 .....\$6.85  
Gal. ....P/N 09-40820 .....\$19.90

#### 310 ALKALINE DETERGENT CLEANER

Highly recommended as an alkaline metal cleaner for removing greases and oils. Also a very good cleaner for interior cabins and vinyl upholstery, as well as a wide variety of household applications to remove waxes, dirt, and stains. Furnished as a concentrate for 32:1 dilution with water. Lemon scented and not harmful to your hands.

Qt. ....P/N 310-QT .....\$9.30  
Gal. ....P/N 310-1G .....\$25.35



# POLY-FIBER AIRCRAFT COATINGS



## POLY-BRUSH

A pink translucent, 1 part air drying resin used for the first 2 or 3 coats to penetrate and seal the fabric weave and assure good adhesion. Also used to attach the finishing tapes and reinforcing patches. Brush on initial coat thinned 3:1 with reducer. Subsequent coats are thinned 3:1 with reducer and applied with a spray gun to avoid brush marks & cut application time.

**Tinted** **Untinted**

Quart.....P/N 09-04100 .....	\$20.20	Quart ..P/N 09-04110 .....	\$20.20
Gallon ..P/N 09-04200 .....	\$67.20	Gallon ..P/N 09-04210 .....	\$67.20
5 Gal. ....P/N 09-04300 .....	\$332.00	5 Gal. ..P/N 09-04350 .....	\$332.00



## POLY-SPRAY

A high-solids aluminum-pigmented, 1 part, air drying resin used after the Poly-Brush preliminary coating to protect fabric from UV and prepare for a smooth finish. Thin 4:1.

Poly Spray (Qt.) .....	P/N 09-04400 .....	\$19.90
Poly Spray (Gal.) .....	P/N 09-04500 .....	\$66.10
Poly Spray (5 Gal.)..P/N 09-04600 .....		\$326.55



## POLY-FIBER REDUCERS

A blend of solvents used for viscosity and drying control of Poly-Brush, Poly-Spray and Poly-Tone. Blend #R-65-75 is recommended as the standard reducer in normal weather, 65°-75°F. #RR-8500 is a retarder-reducer with slower drying time. Recommended for temp above 85° & warm humid weather.

<b>#65-75</b>		<b>#RR-8500</b>	
Qt. ....P/N 09-04700 .....	\$12.00	Qt. ....P/N 09-04750 .....	\$12.20
Gal. ....P/N 09-04800 .....	\$37.75	Gal. ....P/N 09-04850 .....	\$38.15
5 Gal. ....P/N 09-04900 .....	\$182.35	5 Gal. ..P/N 09-04950 .....	\$182.55



## POLY-FIBER RETARDER

This blended solvent improves flow-out and prevents blushing under high temperature or high humidity conditions. Improves gloss.

BR-8600 (Qt.).....P/N 09-40830 .....	\$10.10
BR-8600 (Gal.).....P/N 09-40840 .....	\$30.75



## POLY-TAK CEMENT

Excellent cement for all types of fabrics. Shelf life unopened is 2 years.

Pint.....P/N 09-05110 .....	\$11.20	
Quart .....	P/N 09-05000 .....	\$20.65
Gallon .....	P/N 09-05100 .....	\$68.10



## POLY-TONE® FINISH

A durable semi-gloss, 1-part, air drying flexible paint available in over 50 popular aircraft colors. Recommended as the standard finish for the Poly-Fiber cover process. Also may be used over suitably primed metal components of fabric covered aircraft. Fabric damage is more easily repaired when Poly-Tone finish is used. All pigments are non-bleeding or fading. Will not oxidize with age. Poly-Tone is always thinned to 4 to 1 with Poly Fiber Reducer (65-75 or 8500).

## POLY-TONE FINISHES

	<b>4 Whites:</b>	<b>QUART</b>	<b>GALLON</b>
	Insignia White .....	\$17.60	\$63.80
	Juneau White .....	\$17.60	\$63.80
	Glacier White.....	\$17.60	\$63.80
	Daytona White.....	\$17.60	\$63.80
<b>All other colors (Color Card #50) .....</b>		<b>\$22.00</b>	<b>\$77.00</b>

**TO ORDER POLYTONE:** Create the part number for the Polytone you require: *Color-PQ* (for Quart) or *Color-PG* (for Gallon)  
**Example:** 100-PQ is 1 Quart of Color #100



## POLY TONE U.V. BLOCKING

Used for additional UV Protection in ultralight airplanes. 1 fl.oz. blocks 1Quart Polytone  
 1/2 Pint Blocker (8 fluid oz) .....P/N 09-02053 .....



## POLY TONE REJUVENATOR

RJ-1200	Quart .....	P/N 09-05200 .....	\$19.35
	Gallon.....	P/N 09-05300 .....	\$63.65



## STITS EPOXY PRIMER (GREEN) EP-420/EP-430

This green primer is fast drying, corrosion inhibiting, and has application and curing qualities down to 35°F. It is a heavy duty chemical and solvent resistant amine cured primer. Mixing ratio is 2 parts base, 1 part catalyst. Order in kits.

<b>Quart Kit (Yields 2 1/2 quarts)</b>		
Incl. catalyst and reducer.....	P/N 09-00352.....\$67.80	
<b>Gallon Kit (Yields 2 1/2 Gallons)</b>		
Incl. catalyst and reducer.....	P/N 09-00353.....\$228.25	
<b>Base:</b>		
Quart .....	P/N 09-05605.....\$67.80	
Gallon .....	P/N 09-05610.....\$136.70	
<b>Catalyst:</b>		
Pint .....	P/N 09-05615 .....	\$17.05
Quart .....	P/N 09-05620 .....	\$28.90
<b>Reducer E-500 (Reduce 50%)</b>		
Quart .....	P/N 09-01163 .....	\$10.80
Gallon .....	P/N 09-01108 .....	\$33.75



## STITS EPOXY PRIMER (WHITE) EP-420/EP-430

This white heavy duty chemical and solvent resistant amine cured primer, the excellent primer from Stits is fast drying and corrosion inhibiting. It can be applied and cured to temperatures down to 35°F. Mixing ratio is 2 parts base, 1 part catalyst.

<b>Quart Kit (Yields 2 1/2 quarts)</b>	
Incl. catalyst and reducer.....	P/N 09-00285.....\$67.80
<b>Gallon Kit (Yields 2 1/2 Gallons)</b>	
Incl. catalyst and reducer.....	P/N 09-00438.....\$228.25
<b>Base:</b>	
Quart .....	P/N 09-05625.....\$67.80
Gallon .....	P/N 09-05630.....\$136.70
<b>Catalyst:</b>	
Pint .....	P/N 09-05615.....\$17.05
Quart .....	P/N 09-05620.....\$28.90
<b>Reducer E-500 (Reduce 50%)</b>	
Quart .....	P/N 09-01163.....\$10.80
Gallon .....	P/N 09-01108.....\$33.75



## STITS EPOXY VARNISH EV-400/EV-410

An excellent clear gloss epoxy varnish for interior and exterior use. It provides superior weather durability and excellent chemical and solvent resistance. Can be used over a one component varnish primer if desired. Mixing ratio is 2 parts base, 1 part catalyst. Order catalyst separately. Thin 4 to 1.

<b>Quart Kit (Yields 2-1/2 quarts)</b>	
Incl. catalyst and reducer.....	P/N 09-00349.....\$59.40
<b>Gallon Kit (Yields 2-1/2 Gallons)</b>	
Incl. catalyst and reducer.....	P/N 09-00350.....\$198.00
<b>Base:</b>	
Quart .....	P/N 09-05645.....\$34.20
Gallon .....	P/N 09-05650.....\$115.95
<b>Catalyst:</b>	
Pint .....	P/N 09-05655.....\$14.40
Quart .....	P/N 09-05660.....\$24.15
<b>Reducer E-500 (Reduce 50%)</b>	
Quart .....	P/N 09-01163.....\$10.80
Gallon .....	P/N 09-01108.....\$33.75



## EPOXY ACCELERATOR EX-501

A chemical curing accelerator for use in EP-420 Epoxy Primer and EV-400 Epoxy Varnish according to directions on base component listing. Reduces polymerization time, not solvent evaporation.

1/2 Pint .....	P/N 09-04650.....\$8.20
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## POLY-FIBER ESO ENGINE STORAGE OIL

A fine lubrication and preservative oil used to prevent corrosion in internal combustion engines during extended storage. MIL-21260.

Quart .....	P/N 09-42450.....\$15.25
Gallon .....	P/N 09-42455.....\$49.05

**POLY-FIBER 60"X 48" FINE MESH PAINT STRAINER CONES**  
 P/N 09-02115.....\$0.40

**IMPORTANT NOTICE:** Poly-Fiber and Randolph Coatings are now manufactured by Consolidated Coatings Co. and current colors do NOT all match original Randolph colors. If matching an old color is required, please match it to a current color card or send in a sample of old color for custom matching.



# POLY-FIBER AIRCRAFT COATINGS



## POLY FIBER AEROTHANE

A tough, flexible, high-gloss two part polyurethane especially formulated for fabric covered aircraft and marine surfaces subject to flexing loads. Recommended as a premium quality fabric finish over Stits Poly-Fiber covered aircraft. Wet look, high gloss. Aero-Thane should always be purchased with U-865 catalyst. A kit consists of a 3/4 filled can of paint and it's appropriate companion can of catalyst.

### AERO-THANE (All paint 3/4 filled cans)

Quart Kit (Inc. Catalyst)	Gallon Kit (Inc. Catalyst)	3/4 Quart Paint (Only)	3/4 Gallon Paint (Only)
<b>4 Whites: Insignia, Juneau, Glacier, Daytona</b>			
\$45.10	\$137.80	\$28.60	\$93.50
<b>All other colors (Color Card #50)</b>			
\$49.50	\$153.20	\$33.00	\$108.00
<b>Clear Aero-Thane AO-100</b>			
\$48.50	\$152.80	\$32.00	\$108.50

## AEROTHANE ADDITIVES

### Urethane Catalyst U-865

1/2 pt. ....P/N 09-05400 .....**\$18.15** Qt.....P/N 09-05500 .....**\$48.75**

### Urethane Reducer UE-820

Qt.....P/N 09-05600 .....**\$15.50** Gal. ....P/N 09-05700 .....**\$50.10**

### Urethane Retarder UR-826

Qt.....P/N 09-05800 .....**\$16.85** Gal. ....P/N 09-05900 .....**\$54.85**

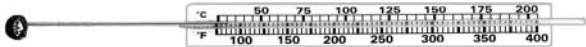
## POLY-TONE/AEROTHANE ENAMEL FLATTENER

Used to make Aerothane and Enamel match the semi gloss finish of Polytone, or to make either Aerothane, Polytone and Enamel Full Military Flat.

Use 1 Pint, to flatten 1 Quart .....P/N 09-02052 .....**\$17.80**

Use 1 Qt. & 1 Pint, to flatten 1 Gallon ....P/N 09-02051 .....**\$34.10**

## POLY-FIBER CALIBRATION THERMOMETER



Made specifically for calibrating irons. Printed with both Centigrade and Farenheit scales. Superior to open coil thermometers which may vary 30°.....P/N 09-37475 .....**\$11.35**

## BLACK BARON FABRIC IRON



The Black Baron Iron was designed specifically for use on small aircraft. The exclusive "roll bars" fit into fillets and undercambers. The flat sole is for sheeted and open structures, and its beveled edges provide constant heat without marks. The toe is rounded and flat best performance. The coating is 100% blackstone making the iron slide like butter, even on tacky surfaces with almost no adhesive buildup. An advanced hi-tech thermostat reduces temperature drift to only 5° – Ordinary irons can vary up to 40°, causing surface bubbles. Get the best – get Black Baron.

110V.....P/N 09-37411 .....**\$23.90**

## CUSTOM SEALING FABRIC IRON



This Teflon coated sealing works on a variety of coverings and has adjustable heat setting. It's an AC unit which operates at 170 watts. The temperature range is approximately 100-350°F. Has a 1-year warranty. 110V.....P/N 09-37400 .....**\$16.70**

## POLY-FIBER COLORS AVAILABLE

Each color group in chart below is listed from light to darker shades. Free Poly-Fiber color chart available on request. Color Card #50.

### Clear

100 .....(Aerothane Only)

### White

105 .....Insignia White  
(Eagle White)  
110 .....Juneau White  
117 .....Glacier White  
(Federal 17038)  
120 .....Daytona White

### Cream

132 .....Sun Valley Ivory  
125 .....Tucson Cream  
131 .....Diana Cream

### Yellow

242 .....Ag Cat Yellow  
136 .....Lemon Yellow  
139 .....Federal Yellow  
145 .....Lockhaven Yellow  
240 .....Champion Yellow  
Titanine Yellow  
140 .....Orange Yellow  
(Schweizer Yellow)  
(Thrush Yellow)  
(Orange Yellow)  
143 .....Cub Yellow  
146 .....J3 OEM Yellow

### Orange

142A.....Eagle Yellow  
(Orange)  
182 .....Pumpkin Orange  
183 .....International Orange  
180 .....Cruiser Orange

### Red

189 .....Madrid Red  
187 .....Eagle Red  
191 .....Pontiac Red  
(Toreador Red)  
190 .....Tennessee Red  
(Federal 11136)  
(Insignia Red)  
195 .....Santa Fe Red  
(Maroon)  
196 .....Boston Maroon  
197 .....Stinson Maroon

### Purple

361 .....Eagle Purple

### Brown

205 .....Bermuda Tan  
203 .....Elsinore Brown

### Blue

165 .....Lakeland Blue  
170 .....Bahama Blue  
173 .....AN Blue (True Blue)  
(Federal 15102)  
318M.....Piper Trainer Blue  
177 .....Eagle Blue  
176 .....Insignia Blue  
(Federal 15044 Blue)

### Grey/Silver

210 .....Polar Grey  
220M.....Nevada Silver  
213A .....Federal 36321 Grey  
213 .....Ag Cat Grey  
219 .....Jasper Grey  
222M.....Rancho Silver

### Black

215 .....Dakota Black  
(Eagle Black)

### Military Camouflage

212 .....Oak Green  
208 .....Federal 14087  
(Olive Drab)  
208A .....Federal 24064  
Green

### Green

157 .....Cuby Sport Trainer  
(Green)  
151 .....Everglades Green  
156 .....Portland Green  
160 .....Forest Green

### Gold

301M.....Reno Gold

**TO ORDER  
POLY-FIBER COLORS:**  
Simply specify Poly-Fiber color number from chart above, either PolyTone or AeroThane, and quart or gallon.

## IRON KIT

Includes large iron and standard small iron, a glass thermometer and silicone heat sink compound. P/N 09-37420 .....**\$79.75**

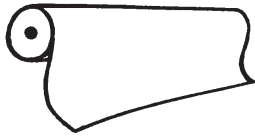


## SILICONE HEAT SINK COMPOUND

For more accurate thermal transfer during iron calibration. 1 oz. Syringe P/N 09-37450 .....**\$12.50**



# CECONITE AIRCRAFT MATERIALS



## CECONITE FABRIC

Ceconite, 100% polyester fabric is approved for use on most certified aircraft. To be sure to check the master eligibility list in the procedure manual.

**CECONITE 101** (3.4 oz.) - Much stronger and far more durable than cotton. It has a probable lifetime durability.

70" Width .....P/N 09-00700..\$11.35 /lin. yd

**CECONITE 102** (2.6 oz.) - A fine weave medium weight fabric to be used as a replacement for intermediate weight cotton fabric as described in TSO-C15. 70" Width .....P/N 09-00900..\$10.10 /lin. yd

**UNCERTIFIED LIGHT** - 1.7 oz., lightweight fabric recommended for covering ultralight aircraft. This fabric will be unstamped. **It is not approved for certified aircraft except over plywood surfaces.**

66" Width .....P/N 09-00921....\$5.70 /lin. yd



## SUPER SEAM FABRIC CEMENT

New Super Seam Fabric Cement. Not compatible with original nitrate-based Super Seam. Used to attach Ceconite Fabric to structures. High solids nitrate based cement approved in the Ceconite STC.

1 Qt. ....P/N 09-18100 .....\$28.65

1 Gal. ....P/N 09-18200 .....\$98.65

## POLYESTER THREAD & CORD (FAA APPROVED)

**CECONITE** - D693 waxed, 296 yds. ....P/N 09-41300 .....\$21.60

**CECONITE** - Flat Braided, 500 yds. ....P/N 09-00822 .....\$37.40

**HAND SEWING THREADS** - 250 yds .....P/N 09-41400 .....\$10.65

**MACHINE SEWING THREAD** -5600 yds .....P/N 09-41500 .....\$14.30

**ANTI CHAFE TAPE** - 60 yd roll 1" wide .....P/N 09-41550 .....\$13.75

**INTERIB BRACING TAPE** - 36 yd roll, 1/2"w P/N 09-41560 .....\$15.80

## REINFORCING TAPES (FAA APPROVED)

Polyester twill with adhesive back. Applied over fabric, over ribs, under rib lacing, PK screws or pop rivets to prevent fabric from ripping. 60 yd. length.

1/4" width .....P/N 09-41230 .....\$40.90

3/8" width .....P/N 09-41238 .....\$42.40

1/2" width .....P/N 09-41212 .....\$43.60



## CECONITE PROCEDURE MANUAL

STC manual for applying ceconite materials.

P/N 09-01000.....\$10.00



## CECONITE TAPES

This FAA approved process utilizing Ceconite polyester fabrics and the Randolph line of finishes assures a beautiful, durable, weather-resistant cover job every time. The Ceconite cover process was issued Supplemental Type Certificate No. SA4503NM in 1997, and this number will apply to all aircraft. Note: Only Randolph materials may be used through the topcoat paint to comply with STC requirements. Randolph finishes are required for approval. Ceconite is approved for use on most certified aircraft. To be sure, check the Approved Model List in the latest revision of Procedure Manual 101 for the Ceconite Aircraft Covering Process.

### Linear Straight Tapes (Ceconite 102)

Width	Roll	Part No.	Price
1"	50 yds.	09-41010	\$17.25
1.5"	50 yds.	09-41015	\$23.45
2"	50 yds.	09-41020	\$28.65
3"	50 yds.	09-41030	\$43.30
4"	50 yds.	09-41040	\$50.90
6"	50 yds.	09-41060	\$60.85

### Linear Pinked Tapes (Ceconite 102)

1"	25 yds.	09-41111	\$12.75
1.5"	25 yds.	09-41116	\$15.20
2"	50 yds.	09-41120	\$33.75
2"	25 yds.	09-41125	\$19.20
3"	25 yds.	09-41135	\$27.05
4"	25 yds.	09-41145	\$31.20
6"	25 yds.	09-41166	\$40.90

### Linear Pinked Tapes (Ceconite Light)

1"	25 yds.	09-41251	\$14.90
1.5"	25 yds.	09-41255	\$17.55
2"	25 yds.	09-00298	\$18.70
2"	50 yds.	09-41252	\$33.75
3"	25 yds.	09-41253	\$27.00
4"	25 yds.	09-41254	\$29.45
6"	25 yds.	09-41256	\$41.35

### Bias Pinked Tapes

For use on curved edges.

2"	25 yds.	09-41165	\$27.85
3"	25 yds.	09-41170	\$40.85
4"	25 yds.	09-41175	\$50.30



## MAULE FABRIC TESTER

A fine quality tool to test fabric covered aircraft for minimum FAA requirements without removing or punching holes in fabric. Also used to test struts for inside rusting as required by FAA on all Piper aircraft with struts.

P/N 09-14900 .....\$257.50

### MATERIAL REQUIREMENTS FOR ULTRALIGHT AIRCRAFT USING UNCERTIFIED LIGHT FABRIC

#### Using Poly-Fiber Uncertified Light Fabric

25yds.	Uncertified Light Fabric
5	Gal. Poly-Brush
6	Gal. Poly-Spray
2	Qts. Poly-Tak
5	Gal. Reducer
3	Rolls 2" Pinked Tape
1	Roll 3" Pinked Tape
6	Gal. Poly-Tone
100	Drain Grommets
15	Inspection Rings

### ESTIMATED MATERIAL REQUIREMENTS FOR COVERING FABRIC AIRCRAFT (Average aircraft the size of Piper J-3, PA-11, PA-25, Aeronca, Taylorcraft)

#### Using Poly-Fiber MED-1 Fabric

45	Yards Med-1 Fabric
10	Gal. Poly-Brush
11	Gal. Poly-Spray
1	Gal. Poly-Tak
4	Gal. Reducer
1	Roll 1" Pinked Tape
7	Rolls 2" Pinked Tape
2	Rolls 3" Pinked Tape
1	Roll 4" Pinked Tape
1	Roll 3" Bias Tape
1	Roll 4" Bias Tape
1	Roll Std. Rib Cord
2	Rolls 1/2" Reinf. Tape
10	Gal. Poly-Tone
30	Inspection Rings
100	Drain Grommets

#### Using Ceconite 102 Fabric

45	Yards Ceconite 102
5	Gal. Non-Tautening Nitrate Dope
10	Gal. Non-Tautening Butyrate Dope
7	Rolls 2" Ceconite Tape
1	Ceconite Rib Lacing Cord
1	Ceconite machine Thread
10	Gal. Colored Butyrate Dope
2	Rolls 1/2" Reinforcing Tape
1	Gal. New Seam Fabric Cement
5	Gal. Nitrate thinner
24	Inspection Rings
100	Drain Grommets
30	Gal. Butyrate Dope Thinner
100	Drain Grommets
10	Gal. Silver Butyrate Dope

# FABRIC – TAPES

## DACRON FABRIC FOR HOMEBUILT AIRCRAFT



Easily controlled shrinkage by the application of heat by either a conventional steam iron or other heat source assures a professional covering job even on the first attempt. It may be coated with aircraft dope, epoxies or other finishes as acceptable to the FAA. Dacron is available in many weights and weaves but three types have been selected as being most suitable as an aircraft covering material. The tensile strength of Grade A and Irish Linen aircraft fabrics is 80 pounds, which may be used as a comparable standard in selecting the proper Dacron fabric weight for a specific application. The 1.8 oz. is a light weight material which is generally used on gliders and over plywood. The 2.7 oz. fabric is comparable in strength to Grade A. The finer weave assures an ultra-smooth texture-free finish. The 3.7 oz. material is a heavy duty fabric for extraordinary service. **NOT for use on certified aircraft.**

Weight per Sq. Yd.	Part No.	Strength (Lb./In.)	Width	Price Per Lineal Yd.
1.8 Oz.	09-00100	60	64"	\$3.20
2.7 Oz.	09-00300		66"	\$4.20
3.7 Oz.	09-00500	130	66"	\$3.95



## DACRON SURFACE TAPES

The Dacron tapes are made up in the 2.7 oz. weight. Available with smooth edges or with conventional pinked edges. The Dacron tape is not FAA approved.

DACRON				
Width	Smooth Edge		Pinked	
50 Yd Roll	P/N 09-	Price/Roll	P/N 09-	Price/Roll
1"	15000	\$5.70	15450	\$4.25
2"	15100	\$4.50	15500	\$9.30
3"	15200	\$16.20	15600	\$18.20
4"	15300	\$20.90	15700	\$25.40
6"	15400	\$19.20	15800	\$25.00

**Discount Schedule for Dacron Tapes:** Less 10% for 12 Rolls (assorted) • Less 15% for 25 Rolls (assorted). Request quote on larger quantities.



## DACRON BIAS TAPE

For Homebuilt Aircraft

Bias-cut tapes (weave 45° to edge) are especially useful for trimming compound curves on components such as wing tips and tail surfaces. Bias tape will stretch to conform to the contour without wrinkles, without heat-shrinking edges or cutting and notching to remove excess fabric. Stretching reduces the width about 35% so 3" tape should be used to finish areas normally covered with 2" tape. 2" Bias tape will pull to about 1-3/8" width.

2" x 50 Yd. Roll .....P/N 09-16300.....\$17.85  
3" x 50 Yd. Roll .....P/N 09-16400.....\$11.10

**NOT FOR USE ON CERTIFIED AIRCRAFT**

## COTTON REINFORCING TAPES

Tape	Size	Part No.	Price/Roll
#86 Cotton - To Spec.	3/8" x 36" Yds.	09-16900	\$3.80
DDD-T-86F	1/2" x 36 Yds.	09-17000	\$17.80



## THREADS & CORDS

Only synthetic threads and rib lacing cords should be used with Dacron covering to insure uniform strength. Waxed linen rib cord conforms to specification MIL-C-2520A, Type I.

Material	Quantity	P/N 09-	Price
Dacron Machine Sewing Thread	500 Yds.	03900	\$12.60
Dacron Hand Sewing Thread	250 Yds.	04000	\$9.75
#9 Waxed Linen Rib Lacing Cord* (Lb.)	500 Yds.	17500	\$36.70



## FAB-TAC FABRIC CEMENT

A superior quality cement for strong splice joints. Use to cement tapes, rings and grommets to fabric cover.  
1 Pint .....P/N 09-17800 .....\$10.20  
1 Qt .....P/N 09-17900 .....\$14.20  
1 Gal.....P/N 09-18000 .....\$37.90



## CLOTH MASKING TAPE

Has many uses in aircraft maintenance work. Strip over sharp corners under fabric. Strips on parts under doped fabric will prevent fabric from sticking to parts. Pressure-sensitive adhesive backing. Easily applied, easily removed. Leaves no residue. Should not be applied below 32°F.  
1" x 60 yds. ....P/N 09-17100 .....\$7.30



## SOLDERING IRON

Use to melt drain holes and inspection rings in polyester fabric. 35 Watt, 900°F tip. Tip is replaceable & long life coated.  
P/N 09-37430 .....\$45.90



## HEAVY-DUTY HEAT GUN

This soft air velocity of this heat gun increases the surface temperature to the required working temperature much faster than conventional heat guns and maintains a higher temperature for faster completion of the application. Features double insulation, two temperature selections of 570°F and 1000°F, and a unique impact resistant heating element. Operates on 120V AC at 11.6 amps. Air volume 14.8 cu. ft. per minute. Wt. 1-1/2 lbs.  
P/N 09-00354 .....\$98.75



## DELUXE HEAT GUN

This handy tool gives you a fast, drum-tight, mirror smooth finish. It's ideal for heat-shrinkable covering films. Get a professional finish with less time and effort. 1-year warranty.  
**Features:** • Includes removeable wide nozzle • 1000-watt heating power • Heavy-duty fan motor • Textured, composite hand-grip • 3-position, hot/cool/off switch • Adjustable air intake baffle • Weight: 15 oz • 5.5' AC power cord with 2 prong plug  
P/N 12-00527 .....\$21.40



## POCKET THERMOMETER

This Pocket thermometer can eliminate 80% of your iron-on covering problems. These problems are caused by your iron's temperature varying as much as 60° while in use, which causes bubbles and sags. If you are using an iron other than Black Baron, this thermometer is a must in monitoring iron temperatures. P/N 09-37500 .....\$7.50



## PINKING SHEARS

Hot drop-forged of fine cutlery steel. Precision matched teeth. Ball bearing pivot reduces friction and finger fatigue. Length 9". Right handed..P/N 09-00355 .....\$35.60



## FLORIAN PINKER

A unique tool which operates on the ratchet principle. It will cut continuously either straight, in circles or in any shape desired. Right or left hand operation. It NEVER needs sharpening. Makes clean cuts in Grade A cotton, Dacron or almost any other material. Excellent for dressmaking or tailoring.  
P/N 09-01400 ..... \$37.60



## CECO BOND CEMENT

Ceco Bond cement is environmentally safe and can be shipped via UPS without hazardous fees. It has greater peel and pull values than other cements, although drying time is longer for Ceco Bond averaging 4 hours. Ceco Bond contains no solvents and when dried weighs less than other cements.  
Quart .....P/N 09-41195.....\$51.25  
Gallon.....P/N 09-41200 .....\$164.95



# PRE-SEWN ENVELOPES

**Presewn envelopes** are much easier to install than fabric yard goods. The envelopes are sewn to fit each individual surface depending upon the type of airplane. They can be placed on the surface like a sock. The envelopes are sewn using a special thread and special stitches. Fabric tapes must be placed over all seams. The seams can be sewn chordwise or spanwise for the wings. **Individual Pieces Priced Per Each.** On presewn envelopes, individual pricing is done by each piece. (i.e. If your airplane is a Stearman, you will have 4 wings. Price shown is per wing - \$86.44. Your cost for all 4 would be: 86.44 x 4 = \$345.76).

**PLEASE ORDER BY PART NUMBER:** Basic part numbers (09-XXX) are shown in the chart. Complete the part number with 10 for wing, 20 for fuselage, 30 for aileron, 40 for stabilizer, 50 for elevator, 60 for flap, 70 for rudder, or 80 for complete set. **AFTER THE P/N, ADD -1 FOR HEAVY FABRIC.** Example: Complete part number for Cessna 120 in heavy fabric would be 09-64780-1. Note: There is a 5% savings for ordering complete sets. Discount sets. Discounts reflected in prices shown. **All pre-sewn envelopes are non-cancelable, non-returnable special orders items.**

## POLY-FIBER FABRIC

## HEAVY DUTY

Aircraft	Part No.	Wing (10)	Fuselage (20)	Aileron (30)	Stabilizer (40)	Elevator (50)	Flap (60)	Rudder (70)	Complete (80)
Aeronca 7AC 2place	09-641	\$129.95	\$206.95	\$28.50	\$24.00	\$26.50		\$22.20	\$524.00
Aeronca 15AC	09-642		\$203.95	\$26.30	\$32.60	\$32.60		\$31.90	\$357.95
Bellanca 14-19/14-13	09-645		\$209.95						
Bellanca Viking	09-646		\$260.95	\$29.10	\$26.30	\$26.30	\$26.30	\$31.90	\$449.95
Cessna 120/140/170	09-647	\$102.95							\$195.95
Ercoupe	09-651	\$94.50							
Fairchild 24G/RW	09-652	\$134.95	\$209.95	\$45.00	\$57.00	\$26.30		\$54.25	\$723.00
Fairchild 19/23/26	09-653		\$129.95	\$26.30	\$26.30	\$26.30		\$54.25	\$307.95
Luscombe	09-656	\$92.00							\$172.95
Piper J2/3	09-662	\$114.95	\$190.95	\$24.50	\$26.30	\$29.40		\$24.50	\$558.00
Piper J5/PA 12/14	09-663	\$114.95		\$24.50	\$26.30	\$13.80		\$24.50	\$549.00
Piper PA 15/17	09-664	\$114.95	\$190.95	\$24.50	\$26.30	\$26.30		\$17.50	\$549.00
Piper PA16	09-665	\$95.50	\$156.95	\$26.30	\$26.30	\$26.30		\$26.30	\$494.95
Piper Colt	09-666	\$86.25	\$162.95	\$21.60	\$26.30	\$26.30		\$26.30	\$466.95
Piper PA20/22	09-667	\$86.25	\$162.95	\$26.30	\$26.30	\$26.30	\$24.50	\$26.30	\$494.95
Schweizer 119	09-668	\$114.95	\$190.95	\$26.30	\$28.00				\$611.00
Schweizer 126	09-669	\$48.90	\$110.95	\$26.30	\$35.60	\$35.60		\$26.30	\$388.95
Schweizer 222	09-670	\$172.95	\$190.95	\$26.30	\$35.60	\$35.60	\$24.50	\$26.30	\$673.00
Schweizer 233	09-671		\$190.95		\$35.60	\$35.60		\$26.30	\$274.95
Stinson 108-1,2,3	09-673	\$95.50	\$209.95	\$38.40					\$447.95
Stinson 10A/105/HW75	09-674	\$95.50	\$190.95	\$28.00	\$18.70	\$37.30	\$28.00	\$28.00	\$569.00
Stinson L5	09-675	\$84.00	\$18.70	\$28.00	\$37.30	\$37.30	\$18.70	\$28.00	\$625.00
Taylorcraft J-3 Interior	09-676	\$102.95	\$181.95	\$18.70	\$18.70	\$18.70		\$18.70	\$466.95
	09-678								\$86.25
Homebuilts	Part No.	Wing (10)	Fuselage (20)	Aileron (30)	Stabilizer (40)	Elevator (50)	Flap (60)	Rudder (70)	Complete (80)
Avid Flyer	09-689	\$84.00	\$130.95		\$28.00	\$18.70		\$18.70	\$372.95
Baby Great Lakes	09-690	\$37.30	\$65.50		\$4.70	\$9.40		\$18.70	\$242.95
Bowers Fly Baby	09-691	\$84.00	\$102.95	\$18.70	\$18.70	\$19.50		\$18.70	\$363.95
Corbin Baby Ace	09-693	\$46.70	\$84.00		\$28.00	\$21.00		\$307.95	\$220.95
Kitfox	09-694	\$93.25	\$149.95		\$18.70	\$18.70		\$18.70	\$400.95
Sonerai II	09-698		\$18.70		\$9.40	\$20.20		\$18.70	\$102.95

## POLY-FIBER FABRIC

## HEAVY DUTY

Aircraft	Part No.	Wing (10)	Fuselage (20)	Aileron (30)	Stabilizer (40)	Elevator (50)	Flap (60)	Rudder (70)	Complete (80)
Beech D175/F17D/E17D	09-643	\$107.95	\$217.95	\$35.60	\$42.30	\$24.50	\$35.60	\$35.60	\$890.00
Beech D18/ATI/Twin	09-644			\$54.75		\$72.75	\$63.00	\$43.40	\$370.95
Christen Husky	09-648	\$102.95	\$174.95	\$24.10	\$41.80	\$26.30		\$26.30	\$564.00
Citabria 7, 8	09-649	\$102.95	\$188.95	\$19.30	\$26.30	\$26.30	\$35.60	\$21.50	\$589.00
Douglas DC-3	09-650			\$106.95		\$88.50		\$94.50	\$423.95
Great Lakes 2T1	09-654	\$77.00	\$162.95						\$435.95
Howard DGA	09-655		\$158.95						
Maule 4	09-657		\$190.95		\$24.50	\$24.50		\$24.50	\$279.95
Maule 5	09-658		\$190.95						
Navy N3N	09-659	\$114.95	\$153.95						\$780.00
N. American AT6/SNJ	09-660			\$48.90		\$35.60		\$58.25	\$183.95
N. American P51	09-661							\$26.30	
Ryan PT22/STA	09-702	\$102.95		\$18.70	\$18.70	\$18.70		\$18.70	\$354.95
Stearman PT13/17	09-672	\$95.50	\$144.95	\$48.90	\$35.60	\$35.60		\$35.60	\$573.00
Waco UPF7	09-677	\$93.25	\$149.95		\$18.70	\$18.70		\$18.70	\$410.95
Agricultural Aircraft	Part No.	Wing(10)	Fuselage (20)	Aileron (30)	Stabilizer (40)	Elevator (50)	Flap (60)	Rudder (70)	Complete (80)
Ag Cat	09-679				\$28.00	\$28.00		\$28.00	\$130.95
Airtractor	09-680					\$93.25		\$56.00	\$242.95
Callair A9/A9B	09-681	\$93.25	\$84.00		\$18.70	\$18.70			\$326.95
Piper PA25/Pawnee	09-682	\$93.25	\$130.95	\$18.70	\$18.70	\$18.70	\$18.70	\$122.95	\$466.95
Snow	09-683	\$167.95	\$149.95	\$46.70	\$28.00	\$28.00	\$46.70	\$28.00	\$774.00
Snow C/D	09-684				\$28.00	\$28.00		\$28.00	\$130.95
Thrush	09-685				\$56.00	\$111.95		\$46.70	\$382.95
Weatherly	09-686			\$28.00				\$46.70	\$177.95
Antiques	Part No.	Wing(10)	Fuselage (20)	Aileron (30)	Stabilizer (40)	Elevator (50)	Flap (60)	Rudder (70)	Complete Set
<sup>a</sup> Douglas DC5	09-709								\$398.95
<sup>a</sup> DeHavilland Heron	09-710								\$233.95
<sup>a</sup> Grumman TBMS	09-713								\$298.95
<sup>a</sup> N. American B25	09-718								\$139.95
Homebuilts	Part No.	Wing(10)	Fuselage (20)	Aileron (30)	Stabilizer (40)	Elevator (50)	Flap (60)	Rudder (70)	Complete (80)
Acro Sport I	09-687	\$56.00	\$111.95	\$18.70	\$28.00	\$28.00		\$18.70	\$546.00
Acro Sport II	09-688	\$68.25	\$130.95	\$18.70	\$28.00	\$28.00		\$18.70	\$599.00
Christen Eagle 1 & 2	09-692	\$93.25	\$46.70	\$18.70	\$14.00	\$18.70		\$18.70	\$504.00
Pitts S1S/S1C	09-695	\$93.25	\$92.00	\$9.40	\$18.70	\$18.70		\$18.70	\$523.00
Pitts S2S/S2A	09-696	\$93.25	\$74.75	\$9.40	\$18.70	\$18.70		\$18.70	\$523.00
Smith Miniplane	09-697	\$88.50	\$74.75		\$32.40	\$32.40		\$41.80	\$242.95
Starduster I	09-699	\$46.70	\$65.50	\$9.40	\$24.50	\$24.50		\$45.40	\$242.95
Starduster II	09-700	\$56.00	\$84.00	\$28.00	\$18.70	\$18.70		\$41.10	\$381.95
Steen SkyBolt	09-701	\$65.50	\$84.00	\$18.70	\$18.70	\$18.70		\$18.70	\$596.00

<sup>1</sup>Does not include fabric for plywood wings - order separately. For individual wing envelope pricing, divide the number of wings on your aircraft into the wing price.  
<sup>a</sup>Tails Only      <sup>b</sup>Plywood Or Metal Fuselage

# PRE-SEWN ENVELOPES

**Presewn envelopes** are much easier to install than fabric yard goods. The envelopes are sewn to fit each individual surface depending upon the type of airplane. They can be placed on the surface like a sock. The envelopes are sewn using special thread & special stitches. Fabric tapes must be placed over all seams. Seams can be sewn chordwise or spanwise for the wings. **Individual Pieces Priced Per Each.** On presewn envelopes, individual pricing done by each piece. (i.e. If your airplane is a Stearman, you'll have 4 wings. Price shown is per wing - \$86.44. Your cost for all 4 would be: 86.44 x 4 = \$345.76)

**PLEASE ORDER BY PART NUMBER** - Basic part numbers (09-XXX) are shown in the chart. Complete the part number with 10 for wing, 20 for fuselage, 30 for aileron, 40 for stabilizer, 50 for elevator, 60 for flap, 70 for rudder, or 80 for complete set. **After the P/N, add -3 for Medium fabric.** Example: Complete part number for a PA-20 in medium weight fabric would be 09-66780-3. Note: There is a 5% savings for ordering complete sets. Discount sets. Discount is reflected in prices shown. **All pre-sewn envelopes are non-cancelable, non-returnable special orders items.**

## POLY-FIBER FABRIC

## MEDIUM WEIGHT

Aircraft	Part No.	Wing (10)	Fuselage (20)	Aileron (30)	Stabilizer (40)	Elevator (50)	Flap (60)	Rudder (70)	Complete (80)
Aeronca 7AC 2place	09-641	\$117.95	\$174.00	\$26.20	\$24.20	\$22.30		\$21.20	\$476.95
Aeronca 15AC	09-642		\$188.95	\$24.20	\$30.60	\$30.60		\$29.40	\$294.95
Cessna 120/140/170	09-647	\$91.00							\$196.95
Ercoupe	09-651	\$86.00							\$171.95
Piper J2/3	09-662	\$102.95	\$171.95	\$30.60	\$36.60	\$26.90		\$22.30	\$502.00
Piper J5/PA 12/14	09-663	\$102.95	\$171.95	\$22.30	\$24.20	\$24.20		\$30.60	\$493.95
Piper PA 15/17	09-664	\$102.95	\$171.95	\$22.30	\$24.20	\$24.20		\$22.30	\$493.95
Piper PA 15/17	09-664	\$102.95	\$171.95	\$22.30	\$24.20	\$24.20		\$22.30	\$493.95
Piper PA16	09-665	\$86.00	\$155.95	\$24.20	\$24.20	\$24.20		\$24.20	\$421.00
Piper Colt	09-666	\$86.00	\$147.95	\$24.20	\$24.20	\$24.20		\$24.20	\$421.95
Piper PA20/22	09-667	\$77.75	\$171.95	\$20.10	\$24.20	\$24.20	\$22.30	\$24.20	\$484.95
Schweizer 119	09-668	\$110.95	\$186.95	\$17.90	\$26.90				\$834.00
Schweizer 126	09-669	\$48.30	\$144.95	\$27.00	\$35.10	\$35.10		\$26.20	\$382.95
Schweizer 222	09-670	\$168.95	\$186.95	\$21.70	\$35.10	\$35.10	\$24.20	\$26.20	\$656.00
Schweizer 233	09-671		\$186.95		\$35.10	\$35.10		\$26.20	\$272.95
StearmanPT13/17	09-672	\$93.25	\$138.00	\$48.30	\$35.10	\$35.10		\$35.10	\$757.00
Stinson 108-1, 2, 3	09-673	\$93.25	\$204.95	\$38.10					\$434.95
Stinson 10A/105/HW75	09-674	\$93.25	\$161.95	\$26.90	\$17.90	\$35.80	\$26.90	\$24.80	\$546.00
Stinson L5	09-675	\$80.75	\$187.95	\$26.90	\$35.80	\$35.80	\$17.90	\$26.90	\$600.00
Taylorcraft	09-676	\$98.50	\$161.95	\$27.80	\$17.90	\$18.50		\$17.90	\$447.95
J-3 Interior	09-678								\$84.25
Homebuilts	Part No.	Wing (10)	Fuselage (20)	Aileron (30)	Stabilizer (40)	Elevator (50)	Flap (60)	Rudder (70)	Complete (80)
Avid Flyer	09-689	\$80.75	\$187.95		\$35.80	\$35.80		\$26.90	\$600.00
Baby Great Lakes	09-690	\$35.80	\$62.75		\$9.00	\$9.00		\$17.90	\$232.95
Bowers Fly Baby	09-691	\$80.75	\$98.50	\$17.90	\$17.90	\$17.90		\$17.90	\$349.95
Corbin Baby Ace	09-693	\$44.80	\$80.75		\$26.90	\$26.90		\$26.90	\$295.95
Kitfox	09-694	\$89.50	\$143.95		\$17.90	\$13.50		\$24.70	\$384.95
Sonera II	09-698		\$143.95		\$17.90	\$13.50		\$24.70	\$384.95

## POLY-FIBER FABRIC

## MEDIUM WEIGHT

Aircraft	Part No.	Wing (10)	Fuselage (20)	Aileron (30)	Stabilizer (40)	Elevator (50)	Flap (60)	Rudder (70)	Complete (80)
Beech D175/F17D/E17D	09-643	\$100.00	\$196.95	\$32.40	\$38.90	\$22.30	\$32.40	\$32.40	\$785.00
'Bellanca 14-19/14-13	09-645		\$175.95						\$345.95
'Bellanca Viking	09-646		\$236.95	\$21.50	\$24.20	\$24.20	\$24.90	\$29.40	\$425.95
Christen Husky	09-648	\$113.95	\$163.95	\$24.20	\$22.30	\$24.20		\$21.90	\$519.00
Citabria 7, 8	09-649	\$117.95	\$171.95	\$24.20	\$24.20	\$24.20	\$32.40	\$20.00	\$538.00
Fairchild 24G/RW	09-652	\$122.95	\$188.95	\$172.95	\$49.70	\$24.20		\$44.80	\$650.00
Fairchild19/23/26	09-653		\$116.95	\$20.10	\$24.20			\$49.00	\$277.95
Funk			\$266.40						
Great Lakes 2T1	09-654	\$69.50	\$147.95						\$389.95
Howard DGA	09-655		\$142.95						
Luscombe	09-656	\$83.50							\$155.95
Maule 4	09-657		\$171.95		\$22.30	\$22.30		\$22.30	\$252.95
Maule 5	09-658		\$171.95						\$252.95
Navy N3N	09-659	\$102.95	\$138.95						\$701.00
Ryan PT22/STA	09-702	\$98.50		\$18.00	\$18.50	\$17.90		\$17.90	\$263.95
Stearman PT13/17	09-672	\$93.25	\$138.00	\$48.30	\$35.10	\$35.10		\$35.10	\$757.00
Waco UPF7	09-677	\$89.50	\$143.95		\$17.90	\$17.90		\$17.90	\$392.95
Agricultural Aircraft	Part No.	Wing(10)	Fuselage (20)	Aileron (30)	Stabilizer (40)	Elevator (50)	Flap (60)	Rudder (70)	Complete (80)
'Ag Cat	09-679				\$26.90	\$26.90		\$26.90	\$125.95
Airtractor	09-680					\$89.50		\$53.75	\$232.95
Callair A9/A9B	09-681	\$87.50	\$80.75		\$15.70	\$17.90			\$313.95
Piper PA25/Pawnee	09-682	\$84.75	\$125.95	\$17.90	\$17.90	\$17.90	\$17.90	\$17.90	\$447.95
Snow	09-683	\$161.95	\$143.95	\$44.80	\$26.90	\$20.20	\$44.80	\$26.90	\$743.00
Snow C/D	09-684				\$26.90	\$24.70		\$26.90	\$126.95
Thrush	09-685				\$26.90	\$24.70		\$26.90	\$126.95
'Weatherly	09-686					\$24.70		\$26.90	\$126.95
Homebuilts	Part No.	Wing(10)	Fuselage (20)	Aileron (30)	Stabilizer (40)	Elevator (50)	Flap (60)	Rudder (70)	Complete (80)
Acro Sport I	09-687	\$53.75	\$107.95	\$17.90	\$26.90	\$26.90		\$26.90	\$502.00
Acro Sport II	09-688	\$62.75	\$125.95	\$17.90	\$26.90	\$26.90		\$17.90	\$582.00
Smith Miniplane	09-697	\$62.75	\$71.75		\$9.00			\$17.90	\$232.95

## Poly-FiberFabric

## MEDIUM WEIGHT

## (Complete Sets)

Antiques	Part No.	Price	Antiques	Part No.	Price
Cessna Airmaster	09-705	\$492.95	Porterfield 35/70	09-719	\$447.95
Cessna T50/UC78	09-706	\$869.00	Rearwin Sportster	09-721	\$456.95
Commonwealth	09-707	\$456.95	Skyranger	09-722	\$507.00
<sup>a</sup> Culver Cadet	09-708	\$204.95	Stinson SR5C	09-725	\$815.00
Fleet	09-711	\$411.95	Stinson SR9	09-726	\$949.00
Funk	09-712	\$456.95	Taylorcraft 15	09-727	\$719.00
<sup>b</sup> Meyer OTW	09-714	\$241.95	<sup>c</sup> Travel Air	09-728	\$214.95
Monocoupe	09-715	\$420.95			
<sup>a</sup> Mooney 20A	09-716	\$71.75			
<sup>a</sup> Mooney Mite	09-717	\$250.95			

Homebuilts	Part No.	Price
<sup>c</sup> Cassutt 111M	09-730	\$98.50
<sup>a</sup> Chipmunk	09-731	\$125.95
Corbin Junior Ace	09-732	\$277.95
EAA Bipe	09-733	\$304.95
Meyer Toot	09-735	\$492.95
Pietenpol	09-736	\$582.00
Stampe SV4C	09-737	\$499.95
<sup>d</sup> Volksplane I	09-738	\$196.95
<sup>d</sup> Volksplane II	09-739	\$295.95
<sup>e</sup> Wittman Tailwind	09-740	\$295.95

- <sup>a</sup>: Tails Only
- <sup>b</sup>: Plywood or metal fuselage
- <sup>c</sup>: Plywood or metal wings
- <sup>d</sup>: Wings Only

<sup>1</sup>Does not include fabric for plywood wings - order separately. For individual wing envelope pricing, divide the number of wings on your aircraft into the wing price.



# PRE-SEWN ENVELOPES

**Presewn envelopes** are much easier to install than fabric yard goods. The envelopes are sewn to fit each individual surface depending upon the type of airplane. They can be placed on the surface like a sock. The envelopes are sewn using a special thread and special stitches. Fabric tapes must be placed over all seams. The seams can be sewn chordwise or spanwise for the wings. **Individual Pieces Priced Per Each.** On presewn envelopes, individual pricing is done by each piece. (i.e. If your airplane is a Stearman, you will have 4 wings. Price shown is per wing - \$86.44. Your cost for all 4 would be: 86.44 x 4 = \$345.76)

**PLEASE ORDER BY PART NUMBER** - Basic part numbers (09-XXX) are shown in the chart. Complete the part number with 10 for wing, 20 for fuselage, 30 for aileron, 40 for stabilizer, 50 for elevator, 60 for flap, 70 for rudder, or 80 for complete set. After the p/N, add -5 for Ceconite 101 fabric. Example: Complete part number for Aeronca 7AC in Ceconite 101 fabric would be 09-64180-5. Note: There is a 5% savings for ordering complete sets. Discount sets. Discount is reflected in prices shown. All pre-sewn envelopes are non-cancelable, non-returnable special orders items.

## CECONITE 101

Aircraft	Part No.	Wing (10)	Fuselage (20)	Aileron (30)	Stabilizer (40)	Elevator (50)	Flap (60)	Rudder (70)	Complete (80)
Aeronca 7AC 2place	09-641	\$114.95	\$184.95	\$23.70	\$22.50	\$22.50		\$21.80	\$513.00
Aeronca 15AC	09-642		\$184.95		\$22.50	\$22.50		\$21.80	\$513.00
Beech D175/F17D/E17D	09-643	\$104.95	\$206.95	\$33.90	\$40.80	\$23.30	\$33.90	\$33.90	\$826.00
Beech D18/AT1/Twin	09-644			\$42.60		\$69.00	\$60.25	\$42.60	\$340.95
Bellanca 14-19/14-13	09-645		\$183.95	\$25.70	\$40.80	\$23.30	\$25.70	\$22.10	\$360.95
Bellanca Viking	09-646		\$247.95	\$40.80	\$25.10	\$25.10	\$27.90	\$30.90	\$444.95
Cessna 120/140/170	09-647	\$96.25							\$209.95
Christen Husky	09-648	\$119.95	\$171.95	\$25.10	\$23.30	\$25.10		\$25.50	\$544.00
Citabria 7, 8	09-649	\$113.95	\$157.95	\$25.10	\$25.10	\$25.10	\$33.90	\$21.00	\$565.00
Douglas DC-3	09-650			\$101.95		\$84.25		\$90.25	\$407.95
Ercoupe	09-651	\$90.25							\$180.95
Fairchild 24G/RW	09-652	\$127.95	\$197.95	\$42.60	\$36.60	\$25.10		\$51.50	\$683.00
Fairchild 19/23/26	09-653		\$122.95	\$25.10	\$25.10	\$25.10		\$51.50	\$290.95
Funk		\$294.30							
Great Lakes 2T1	09-654	\$72.75							\$410.95
Howard DGA	09-655		\$154.95						
Luscombe	09-656	\$87.25							\$162.95
Maule 4	09-657		\$180.95		\$27.70	\$23.30		\$23.30	\$264.95
Maule 5	09-658		\$180.95						\$264.95
Navy N3N	09-659	\$107.95	\$145.95						\$737.00
N. American AT6/SNJ	09-660			\$46.50		\$33.90		\$55.25	\$174.95
N. American P51	09-661							\$25.10	\$25.10
Piper J2/3	09-662	\$107.95	\$180.95	\$23.30	\$25.10	\$25.10		\$23.30	\$527.00
Piper J5/PA 12/14	09-663	\$107.95		\$23.30	\$25.10	\$17.50		\$23.30	\$518.00
Piper PA 15/17	09-664	\$107.95	\$180.95	\$23.30	\$25.10	\$25.10		\$23.30	\$518.00
Piper PA16	09-665	\$90.25	\$162.95	\$25.10	\$25.10	\$25.10		\$25.10	\$468.95
Piper Colt	09-666	\$81.50	\$154.95	\$25.10	\$25.10	\$25.10		\$25.10	\$442.95
Piper PA20/22	09-667	\$81.50	\$154.95	\$25.10	\$25.10	\$25.10	\$23.30	\$23.00	\$466.95
Schweizer 119	09-668	\$107.95	\$178.95	\$15.30	\$21.90				\$577.00
Schweizer 126	09-669	\$42.20	\$104.95	\$20.80	\$31.70	\$31.70		\$18.60	\$369.95
Schweizer 222	09-670	\$162.95	\$180.95	\$20.80	\$29.50	\$24.70	\$23.30	\$20.80	\$636.00
Schweizer 233	09-671		\$180.95		\$29.50	\$29.50		\$20.80	\$260.95
Stearman PT13/17	09-672	\$90.25	\$136.95	\$46.50	\$33.90	\$33.90		\$33.90	\$542.00
Stinson 108-1, 2, 3	09-673	\$90.25	\$197.95	\$36.60					\$421.95
Stinson 10A/105/HW75	09-674	\$90.25	\$157.95	\$26.30	\$17.50	\$35.00	\$28.40	\$26.30	\$534.00
Stinson L5	09-675	\$78.75	\$183.95	\$26.30	\$35.00	\$35.00	\$17.50	\$26.30	\$586.00
Taylorcraft	09-676	\$96.25	\$157.95	\$17.50	\$13.20	\$13.20		\$13.20	\$436.95
Waco UPF7	09-677	\$94.75	\$139.95		\$17.50	\$13.20		\$17.50	\$384.95
J-3 Interior	09-678								\$70.00
Agricultural Aircraft	Part No.	Wing (10)	Fuselage (20)	Aileron (30)	Stabilizer (40)	Elevator (50)	Flap (60)	Rudder (70)	Complete (80)
Ag Cat	09-679				\$26.30	\$26.30		\$26.30	\$139.95
Airtractor	09-680					\$87.50		\$52.50	\$238.95
Callair A9/A9B	09-681	\$87.50	\$78.75		\$17.50	\$17.50			\$305.95
Piper PA25/Pawnee	09-682	\$87.50	\$330.95	\$17.50	\$78.25	\$131.95	\$19.00	\$75.50	\$644.00
Snow	09-683	\$170.95	\$151.95	\$47.50	\$28.50	\$28.50	\$47.50	\$28.50	\$788.00
Snow CD	09-684				\$28.50	\$28.50		\$28.50	\$132.95
Thrustr	09-685				\$57.00	\$113.95		\$47.50	\$388.95
Weatherly	09-686			\$28.50				\$47.50	\$180.95
Homebuilts	Part No.	Wing (10)	Fuselage (20)	Aileron (30)	Stabilizer (40)	Elevator (50)	Flap (60)	Rudder (70)	Complete (80)
Acro Sport I	09-687	\$57.00	\$113.95	\$19.00	\$28.50	\$28.50		\$19.00	\$532.00
Acro Sport II	09-688	\$66.50	\$132.95	\$19.00	\$28.50	\$28.50		\$14.30	\$613.00
Avid Flyer	09-689	\$85.50	\$132.95		\$28.50	\$19.00		\$19.00	\$379.95
Baby Great Lakes	09-690	\$38.00	\$66.50		\$9.50	\$9.50		\$28.30	\$246.95
Bowers Fly Baby	09-691	\$85.50	\$104.95	\$19.00	\$19.00	\$19.00		\$19.00	\$369.95
Christen Eagle 1 & 2	09-692	\$95.00	\$47.50	\$19.00	\$17.50	\$15.95		\$19.00	\$513.00
Corbin Baby Ace	09-693	\$47.50	\$85.50		\$28.50	\$31.20		\$28.50	\$313.95
Kitfox	09-694	\$95.00	\$151.95		\$19.00	\$14.30		\$11.90	\$417.95
Pitts S1S/S1C	09-695	\$95.00	\$94.75	\$9.50	\$19.00	\$14.30		\$11.90	\$541.00
Pitts S2S/S2A	09-696	\$95.00	\$76.00	\$9.50	\$16.70	\$14.30		\$11.90	\$532.00
Smith Miniplane	09-697	\$66.50	\$76.00		\$6.00	\$7.20		\$11.90	\$246.95
Sonera I	09-698		\$66.50		\$6.00	\$6.00		\$11.90	\$104.95
Starduster I	09-699	\$47.50	\$66.50	\$9.50	\$13.10	\$13.10		\$11.90	\$246.95
Starduster II	09-700	\$57.00	\$85.50	\$28.50	\$19.00	\$19.00		\$19.00	\$322.95
Steen SkyBolt	09-701	\$66.50	\$85.50	\$19.00	\$18.70	\$19.00		\$11.90	\$818.00

## CECONITE 101(Complete Sets)

Antiques	Part No.	Price	Antiques	Part No.	Price
Cessna Airmaster	09-705	\$522.00	Mooney Mite	09-717	\$265.95
Cessna T50/UC78	09-706	\$921.00	N. American B25	09-718	\$142.95
Commonwealth	09-707	\$483.95	Porterfield 35/70	09-719	\$474.95
Culver Cadet	09-708	\$214.95	Rearwin Sportster	09-721	\$483.95
Douglas DC4/DC5	09-709	\$570.00	Skyranger	09-722	\$483.95
DeHavilland Heron	09-710	\$237.95	Stinson 10/10A/10S		
Fleet	09-711	\$436.95	Stinson AT19/V77		
Funk	09-712	\$483.95	Stinson SR5C	09-725	\$864.00
Grumman TBMS	09-713	\$303.95	Stinson SR9	09-726	\$883.00
Meyer OTW	09-714	\$256.95	Taylorcraft	09-727	\$483.95
Monocoupe	09-715	\$445.95	Travel Air 4000	09-728	\$227.95
Mooney 20A	09-716	\$76.00	(wings only)		

Homebuilts	Part No.	Price
Cassutt 111M	09-730	\$104.95
Chipmunk	09-731	\$132.95
Corbin Junior Ace	09-732	\$294.95
EAA Bipe	09-733	\$322.95
Fokker Tri-Plane	09-734	\$513.00
Meyer Toot	09-735	\$522.00
Pietenpol	09-736	\$617.00
Stampe SV4C	09-737	\$532.00
Volksplane I	09-738	\$208.95
Volksplane II	09-739	\$313.95
Wittman Tailwind	09-740	\$313.95

- \*: Tails Only
- ^: Plywood or metal fuselage
- °: Plywood or metal wings
- °: Wings Only



# PRE-SEWN ENVELOPES

**Presewn envelopes** are much easier to install than fabric yard goods. The envelopes are sewn to fit each individual surface depending upon the type of airplane. They can be placed on the surface like a sock. The envelopes are sewn using a special thread and special stitches. Fabric tapes must be placed over all seams. The seams can be sewn chordwise or spanwise for the wings. **Individual Pieces Priced Per Each.** On presewn envelopes, individual pricing is done by each piece. (i.e. If your airplane is a Stearman, you will have 4 wings. Price shown is per wing - \$86.44. Your cost for all 4 would be: 86.44 x 4 = \$345.76

**PLEASE ORDER BY PART NUMBER** - Basic part numbers (09-XXX) are shown in the chart. Complete the part number with 10 for wing, 20 for fuselage, 30 for aileron, 40 for stabilizer, 50 for elevator, 60 for flap, 70 for rudder, or 80 for complete set. **After the P/N, add -6 for Ceconite 102 fabric.** Example: Complete part number for a Stinson 108-1 complete set in Ceconite 102 fabric would be 09-67380-6. Note: There is a 5% savings for ordering complete sets. Discount sets. Discount is reflected in prices shown. **All pre-sewn envelopes are non-cancelable, non-returnable special orders items.**

## CECONITE 102

<sup>1</sup> Does not include fabric for plywood wings - order separately. For envelope pricing, divide the number of wings on your aircraft into the wing price.

Aircraft	Part No.	Wing (10)	Fuselage (20)	Aileron (30)	Stabilizer (40)	Elevator (50)	Flap (60)	Rudder (70)	Complete (80)
Aeronca 7AC 2place	09-641	\$102.95	\$165.95	\$21.50	\$21.40	\$21.40		\$20.20	\$451.95
Aeronca 15AC	09-642		\$178.95	\$23.20	\$17.50	\$29.10		\$28.00	\$310.95
Beech D175/F17D/E17D	09-643	\$95.00	\$186.95	\$31.00	\$36.90	\$21.40	\$31.00	\$31.00	\$742.00
Beech D18/AT1/Twin	09-644			\$38.70		\$62.00	\$54.25	\$38.70	\$306.95
Bellanca 14-19/14-13	09-645		\$166.95						
Bellanca Viking	09-646		\$224.95	\$26.00	\$23.20	\$23.20	\$26.00	\$28.00	\$405.95
Cessna 120/140/170	09-647								\$186.95
Christen Husky	09-648	\$108.95	\$155.95	\$23.20	\$21.40	\$23.20		\$19.10	\$492.95
Citabria 7, 8	09-649	\$102.95	\$162.95	\$23.20	\$23.20	\$23.20	\$31.00	\$19.00	\$511.00
Douglas DC-3	09-650			\$93.00		\$73.00		\$82.75	\$370.95
Erco Coupe	09-651	\$82.75							\$165.95
Fairchild 24G/RW	09-652	\$114.95	\$181.95	\$38.20	\$48.30	\$21.50		\$46.60	\$605.00
Fairchild 19/23/26	09-653		\$111.95	\$21.50	\$21.50	\$21.50		\$46.60	\$263.95
Funk			\$266.95						
Great Lakes 2T1	09-654	\$66.00	\$139.95						\$381.95
Howard DGA	09-655		\$155.95						
Luscombe	09-656	\$77.75							\$152.95
Maule 4	09-657		\$165.95		\$20.40	\$20.40		\$20.40	\$237.95
Maule 5	09-658		\$165.95						
Navy N3N	09-659	\$99.50	\$131.95						\$679.00
N. American AT6/SNJ	09-660			\$40.70		\$29.90		\$49.00	\$155.95
N. American P51	09-661							\$21.50	
Piper J2/3	09-662	\$99.50	\$165.95	\$16.20	\$21.50	\$21.50		\$20.40	\$479.95
Piper J5/PA 12/14	09-663	\$99.50		\$20.40	\$21.50	\$21.50		\$20.40	\$474.95
Piper PA 15/17	09-664	\$99.50	\$165.95	\$20.40	\$21.50	\$21.50		\$20.40	\$474.95
Piper PA16	09-665	\$82.75	\$148.95	\$21.50	\$15.30	\$21.50		\$21.50	\$423.95
Piper Colt	09-666	\$74.25	\$139.95	\$17.30	\$21.50	\$21.50		\$21.50	\$352.95
Piper PA20/22	09-667	\$74.25	\$163.95	\$21.50	\$21.50	\$21.50	\$21.50	\$21.50	\$423.95
Ryan PT22/STA	09-702	\$92.50	\$92.50	\$16.80	\$16.80	\$16.80		\$16.80	\$319.95
Schweizer 119	09-668	\$99.50	\$165.95	\$16.80	\$25.20				\$522.00
Schweizer 126	09-669	\$40.70	\$94.50	\$21.50	\$29.90	\$29.90		\$21.50	\$326.95
Schweizer 222	09-670	\$148.95	\$165.95	\$21.50	\$29.90	\$29.90	\$20.40	\$15.95	\$587.00
Schweizer 233	09-671		\$165.95		\$25.70	\$17.30		\$17.30	\$233.95
Stearman PT13/17	09-672	\$82.75	\$123.95	\$40.70	\$29.90	\$31.00		\$29.90	\$495.95
Stinson 108-1, 2, 3	09-673	\$82.75	\$181.95	\$31.60					\$388.95
Stinson 10A/105/HW75	09-674	\$82.75	\$151.95	\$22.95	\$16.80	\$33.60	\$23.40	\$25.20	\$563.00
Stinson L5	09-675	\$75.75	\$176.95	\$25.20	\$33.60	\$33.60	\$25.20	\$20.15	\$563.00
Taylorcraft	09-676	\$93.00	\$151.95	\$16.80	\$16.80	\$16.80		\$16.80	\$394.95
Waco UPF7	09-677	\$84.00	\$134.95		\$16.80	\$16.80		\$16.80	\$369.95
J-3 Interior	09-678								\$67.25
Agricultural Aircraft	Part No.	Wing (10)	Fuselage (20)	Aileron (30)	Stabilizer (40)	Elevator (50)	Flap (60)	Rudder (70)	Complete (80)
'Ag Cat	09-679				\$25.20	\$25.20		\$25.30	\$117.95
Airtractor	09-680							\$50.50	
Callair A9/A9B	09-681	\$84.00	\$75.75		\$16.80	\$16.80			\$293.95
Piper PA25/Pawnee	09-682	\$84.00	\$117.95	\$16.80	\$16.80	\$16.80	\$16.80	\$16.80	\$419.95
Snow	09-683	\$151.95	\$134.95	\$42.00	\$25.20	\$25.20	\$42.00	\$25.20	\$698.00
Snow C/D	09-684				\$25.20	\$25.20		\$25.20	\$151.95
Thrush	09-685				\$50.50	\$107.95		\$16.80	\$419.95
'Weatherly	09-686			\$25.20				\$42.00	\$159.95
Homebuilts	Part No.	Wing (10)	Fuselage (20)	Aileron (30)	Stabilizer (40)	Elevator (50)	Flap (60)	Rudder (70)	Complete (80)
Acro Sport I	09-687	\$50.50	\$100.95	\$16.80	\$25.20	\$25.20		\$12.60	\$431.95
Acro Sport II	09-688	\$59.00	\$117.95	\$16.80	\$25.20	\$25.20		\$16.80	\$550.00
Avid Flyer	09-689	\$75.75	\$117.95		\$25.20	\$16.80		\$16.80	\$335.95
Baby Great Lakes	09-690	\$33.60	\$59.00		\$4.20	\$8.40		\$16.80	\$218.95
Bowers Fly Baby	09-691	\$75.75	\$92.50	\$16.80	\$16.80	\$16.80		\$16.80	\$327.95
Christen Eagle 1 & 2	09-692	\$84.00	\$42.00	\$16.80	\$16.80	\$16.80		\$16.80	\$453.95
Corbin Baby Ace	09-693	\$42.00	\$75.75		\$25.20	\$25.20		\$25.20	\$277.95
Kitfox	09-694	\$84.00	\$134.95		\$16.80	\$16.80		\$16.80	\$352.95
Pitts S1S/S1C	09-695	\$42.00	\$67.25	\$8.40	\$16.80	\$16.80		\$16.80	\$470.95
Pitts S2S/S2A	09-696	\$84.00	\$67.25	\$8.40	\$16.80	\$16.80		\$16.80	\$16.80
Smith Miniplane	09-697	\$59.00	\$67.25		\$8.40	\$8.40		\$16.80	\$244.95
'Sonerai II	09-698		\$59.00		\$8.40	\$8.40		\$16.80	\$92.50
Starduster I	09-699	\$42.00	\$59.00	\$8.40	\$16.80	\$16.80		\$16.80	\$218.95
Starduster II	09-700	\$50.50	\$71.50	\$25.20	\$16.80	\$16.80		\$16.80	\$285.95
Steen SkyBolt	09-701	\$59.00	\$75.75	\$16.80	\$16.80	\$16.80		\$16.80	\$583.00



## CECONITE 102 (Complete Sets)

Antiques	Part #	Price	Antiques	Part #	Price	Antiques	Part #	Price	Homebuilts	Part #	Price
Cessna Airmaster	09-705	\$461.95	Skyranger	09-722	\$478.95	Grumman TBMS	09-713	\$268.95	Cassutt 111M	09-730	\$92.50
Mooney Mite	09-717	\$272.95	DeHavilland Heron	09-710	\$251.95	Stinson SR9	09-726	\$782.00	Chipmunk	09-731	\$117.95
Cessna T50/UC78	09-706	\$815.00	Stinson 10/10A/10S	09-723	\$513.00	Meyer OTW	09-714	\$226.95	Corbin Jr. Ace	09-732	\$260.95
N. American B25	09-718	\$125.95	Fleet	09-711	\$386.95	Taylorcraft 15	09-727	\$428.95	EAA BiPe	09-733	\$285.95
Commonwealth	09-707	\$428.95	Stinson AT19/V77	09-724	\$782.00	Monocoupe	09-715	\$394.95	Fokker Tri-Plane	09-734	\$453.95
Porterfield 35/70	09-719	\$419.95	Funk	09-712	\$428.95	Travel Air 4000	09-728	\$201.95	Meyer Toot	09-735	\$461.95
Culver Cadet	09-708	\$192.95	Stinson SR5C	09-725	\$765.00	Mooney 20A (wings only)	09-716	\$67.25	Pietenpol	09-736	\$546.00
Rearwin Sportster	09-721	\$428.95						Stampe SV4C	09-737	\$470.95	
								Volksplane I	09-738	\$184.95	
								Volksplane II	09-739	\$277.95	
								Wittman Tailwind	09-740	\$277.95	

<sup>A</sup> Tails Only  
<sup>B</sup> Plywood or metal fuselage  
<sup>C</sup> Plywood or metal wings  
<sup>D</sup> Wings Only

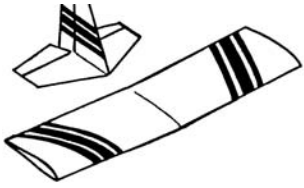
**AIRCRAFT SPRUCE WEST**  
CORONA, CA • (877) 4-SPRUCE

**319**  
Prices Subject to Change Without Notice

**AIRCRAFT SPRUCE EAST**  
PEACHTREE CITY, GA • (877) 477-7823

# ULTRALIGHT SAILS

## SAILS



Our sails are made in the United States by a top flight sail loft. These sails are made from the highest quality 3.9 oz. Dacron, many of them from the original OEM sail patterns. These sails are guaranteed to fit properly. All sail sets come complete with tail feathers and fuselage covers, except where noted. All sail orders are on custom-fabricated basis. Therefore, please allow an average of three weeks for delivery. There are no refunds on sail sets unless they are defective. Non-refundable 100% deposit or credit card purchase required. A wide selection of sail colors are available. Contact Aircraft Spruce for details on colors, patterns, and custom work. Prices subject to change without notice.

MODEL	PRICE
<b>Teratorn Aircraft</b>	
Tierra Complete Sail Set (excludes cockpit enclosure) 1983 and under/1984 and over (Single place only)	\$1,475.00
Tierra Wing Surface set	\$1,175.00
T/A Complete Sail Set	\$945.00
T/A Wing Surface Set	\$785.00
Teratorn W/S Complete Sail Set	\$695.00
Tierra Aileron Surface Set	\$205.00
Elevator Surface Set	\$110.00
Horizontal Surface Tierra	\$155.00
Horizontal Surface T/A	\$95.00
Tierra Vertical Stabilizer	\$85.00
T/A and Tierra Rudder	\$95.00
<b>Star Flight Aircraft</b>	
TX 1000 and 2000 Complete Sail Sets	\$945.00
TX 1000 and 2000 Wing Surface Sets	\$810.00
Elevator Surface Set	\$95.00
Horizontal Stabilizer	\$105.00
Rudder Surface	\$95.00
<b>Avenger &amp; Phantom Aircraft</b>	
Complete Sail Set	\$1,195.00
Wing Surface Set	\$1,075.00
Aileron Surface Set	\$285.00
Elevator Surface Set	\$125.00
Horizontal Stabilizer Surface Set	\$125.00
Upper Vertical Stabilizer	\$70.00
Lower Vertical Stabilizer	\$45.00
Rudder Surface	\$115.00
<b>Advanced Aviation</b>	
A or B Cobra Complete Sail Set	\$1,450.00
A or B Cobra Wing Surface Set	\$1,160.00
Cobra Aileron Surface Set	\$245.00
Cobra Horizontal Stabilizer	\$170.00
Cobra Elevator Surface Set	\$170.00
Cobra Rudder Surface	\$130.00
Explorer Complete Sail Set	\$1,495.00
Explorer Wing Surface Set	\$1,035.00
Explorer Aileron Surface Set	\$170.00
Explorer Wing Flap Set	\$160.00
Explorer Horizontal/Elevator Set	\$250.00
Explorer Vertical Stabilizer	\$150.00
Explorer Rudder Surface	\$165.00
Explorer Gap Cover	\$85.00
<b>Quicksilver Aircraft</b>	
MX Complete Sail Set	\$785.00
MX Wing Surface Set	\$585.00
MX Qualifier Complete Sail Set	\$925.00
MX Qualifier Wing Set	\$785.00
MX2 Complete Sail Set	\$845.00
MX2 Wing Surface Set	\$585.00
MX2 H.P. Complete Sail Set (X-tra Ribs/Tapered Stabilizer)	\$875.00
Weight Shift Complete Sail Set	\$695.00
MXL Complete Sail Set	\$1,325.00
MXL Wing Surface Set	\$1,040.00
MXL2 Complete Sail Set	\$1,595.00
MXL2 Wing Surface Set	\$1,225.00
Sport Complete Sail Set	\$1,395.00
Sport Wing Sail Set	\$1,160.00
Sprint Complete Sail Set	\$1,085.00
Sprint Wing Sail Set	\$725.00
Sprint 2 Sail Set	\$1,115.00
Sprint 2 Wing Set	\$805.00
GT 400 Complete Sail Set (Includes Pylon Cover)	\$2,115.00
GT 500 Complete Sail Set	\$2,115.00
MX Tapered Stabilizer Option	\$45.00

MODEL	PRICE
<b>Quicksilver Aircraft</b>	
MX-MXL Elevator Set	\$95.00
MX Horizontal Stabilizer	\$78.00
MXL Aileron Surface Set	\$225.00
MXL Tapered Stabilizer	\$105.00
MX Rudder Surface	\$95.00
Weight Shift Rudder	\$69.00
GT 400 Wing Surface Set	\$1,095.00
GT 500 Wing Surface Set	\$1,145.00
GT 400/500 Wing Flap Set	\$195.00
GT 400/500 Aileron Set	\$195.00
GT 400 Pylon Fairing	\$410.00
GT 400/500 Stabilizer/Elevator Set	\$275.00
GT 400 Rudder	\$125.00
GT 500 Rudder	\$240.00
GT 400 Vertical Stabilizer	\$49.00
GT 500 Vertical Stabilizer	\$245.00
<b>Wizard Aircraft</b>	
Weight Shift Complete Sail Set	\$895.00
J-3 Complete Sail Set	\$975.00
J-3 Wing Surface Set	\$825.00
T-38 Complete Sail Set	\$1,170.00
T-38 Wing Surface Set	\$995.00
J-3 & T-38 Elevator Surface Set	\$80.00
J-3b & T-38b Elevator Surface Set	\$80.00
J-3 & T-38 Rudder A or B	\$85.00
<b>Flight Star Aircraft</b>	
Complete Sail Set	\$1,295.00
Wing Surface Set	\$975.00
Aileron Surface Set	\$275.00
Elevator Surface Set	\$115.00
Horizontal Stabilizer Surface Set	\$110.00
Vertical Stabilizer	\$70.00
Rudder Surface	\$95.00
<b>Rotec Rally Aircraft</b>	
2b & Champ Complete Sail Set	\$875.00
2b & Champ Wing Surface Set	\$740.00
Sport Complete Sail Set	\$950.00
Rally 3 Complete Sail Set	\$1,130.00
Rally Wing Tip Option	\$995.00
2b & Champ Elevator Surface Set	\$75.00
2b & Champ Horizontal Surface	\$80.00
Sport Elevator Set	\$95.00
Sport Rudder	\$110.00
<b>BI-RD Aircraft</b>	
BI-RD Complete Sail Set	\$1,075.00
BI-RD Wing Surface Set	\$845.00
Aileron Surface Set	\$150.00
Elevator Surface Set	\$95.00
Horizontal Stabilizer Surface Set	\$95.00
Vertical Stabilizer Surface	\$45.00
BI-RD Rudder	\$75.00
<b>Condor Aircraft</b>	
Condor Complete Sail set	\$950.00
Condor Wing Surface Set	\$795.00
Elevator Surface Set	\$85.00
Horizontal Surface	\$95.00
Rudder Surface	\$95.00
<b>Weedhopper Aircraft</b>	
C or B Complete Sail Set	\$1,090.00
C or B Wing Surface Set	\$895.00
Stabilizer/Elevator Surface Set	\$240.00
Sub Fin Surface	\$45.00
Rudder Surface	\$85.00



# ENAMELS – REPAIR KITS



## POLY-FIBER ENAMELS

A high gloss, fast drying enamel for use on primed metal or fiberglass. Enamels match all 50 Poly-Fiber, Aero-Thane and Poly-Tone colors. Not for use on fabric.

Applications: Thin 3 parts enamel to 1 part enamel reducer. For best results use over EP-420 Epoxy Primer.



	QUART	GALLON
<b>4 Whites:</b>		
Insignia White	\$19.35	\$61.95
Juneau White	\$19.35	\$61.95
Glacier White	\$19.35	\$61.95
Daytona White	\$24.20	\$61.95
<b>All other colors (Color Card #50)</b>	<b>\$80.11</b>	

<b>White</b>	<b>Purple</b>
105 ....Insignia White	361 ....Eagle Purple
110 ....Juneau White	<b>Brown</b>
117 ....Glacier White	205 ....Bermuda Tan
120 ....Daytona White	203 ....Elsinore Brown
<b>Cream</b>	<b>Blue</b>
132 ....Sun Valley Ivory	165 ....Lakeland Blue
125 ....Tucson Cream	170 ....Bahama Blue
131 ....Diana Cream	173 ....AN Blue (True Blue)
<b>Yellow</b>	318M Piper Trainer Blue
242 ....Ag Cat Yellow	177 ....Eagle Blue
136 ....Lemon Yellow	176 ....Insignia Blue
139 ....Federal Yellow	<b>Grey/Silver</b>
145 ....Lockhaven Yellow	210 ....Polar Grey
240 ....Champion Yellow	220M Nevada Silver
140 ....Orange Yellow	213A ..Federal 36321 Grey
143 ....Cub Yellow	213 ....Ag Cat Grey
146 ....J3 OEM Yellow	219 ....Jasper Grey
<b>Orange</b>	222M Rancho Silver
142A ..Eagle Yellow	<b>Black</b>
182 ....Pumpkin Orange	215 ....Dakota Black
183 ....International Orange	<b>Military Camouflage</b>
180 ....Cruiser Orange	212 ....Oak Green
<b>Red</b>	208 ....Federal 14087
189 ....Madrid Red	208A ..Federal 24064 Green
187 ....Eagle Red	<b>Green</b>
191 ....Pontiac Red	157 ....Cuby Sport Trainer
190 ....Tennessee Red	151 ....Everglades Green
195 ....Santa Fe Red	156 ....Portland Green
196 ....Boston Maroon	160 ....Forest Green
197 ....Stinson Maroon	<b>Gold</b>
	301M Reno Gold

## POLY-FIBER ENAMEL HARDENER/GLOSS ADDITIVE

Hardens, increases gloss, increases resistance to staining, chemicals, and chipping. Application: After reducing, add 8-16 oz. per gallon.

Pint.....P/N 09-00681 .....\$11.90



## POLY-FIBER ENAMEL REDUCER

Fast drying thinner for use with Classic Aero Enamel.

Applications:

Thin 1 part reducer to 3 parts enamel.  
 Quart.....P/N 09-61200 .....\$7.70  
 Gallon .....P/N 09-61205 .....\$23.30



## POLY-FIBER REPAIR KIT

Includes:

- 1 .....1" Dope Brush
- 1 Pint .....Poly-Tak
- 1 Quart .....Poly-Spray
- 1 Quart .....Poly-Brush
- 1 Quart.....Reducer (Specify 65-75 or 8500)
- 1 Yard .....Medium Fabric
- 4 Sheets.....#400 Sandpaper
- 1 .....3" Curved Needle
- 10 Feet .....2" Surface Tape
- 1 .....Thread
- With #65-75 Reducer.....P/N 09-06210 .....\$72.50
- With #8500 Reducer .....P/N 09-06215 .....\$72.00

## CECONITE FABRIC REPAIR KIT

Specify Fabric: Ceconite 101, 102 or CHT104

Includes:

- 1 .....1" Dope Brush
- 400 sheets .....#400 Sandpaper
- 1 .....3" Curved Needle
- 1 quart .....New Super Seam
- 1 quart .....Rand-O-Proof
- 1 quart .....Nitrate Thinner
- 1 quart .....Non-Tautening Butyrate
- 2 quarts .....Butyrate Thinner
- 1 quart .....Rand-O-Fill
- 1 Yard .....C102- 70" Fabric
- 10 Feet .....2" Ceconite Tape
- 1 .....Thread
- With C-102.....P/N 09-06225 .....\$99.25
- With C-101 .....P/N 09-00299 .....\$98.40

## FABRIC COVERING TOOL KIT

This kit includes the items most commonly needed to complete your Poly-Fiber covering project.

Kit Includes:

- 4 .....1" Disposable Brush
- 3 .....2" Disposable Brush
- 4 .....Fabric Clamps
- 1 .....Florian Pinking Shears
- 10 .....1/2" Glue Brush
- 2 .....Irons
- 1 .....Thermometer
- 1 .....12" Straight Needle
- 1 .....12" Curved Tip Needle
- 1 .....6" Curved Needle
- 2 .....Gallon Paint Saver Lid
- 1 .....U.S. Safety Respirator Kit, Model 100L

P/N 09-06230 .....\$188.95

## CYCLONE PAINT SHAKER

Only the Cyclone has "Varishake", adjustable haking power that automatically compensate for can size. A Cyclone will give you superior mixing power to quickly and completely separate and disperse individual metallic and pigment particles so you can match intensity and pitch exactly. Then, at a touch, your Cyclone will give your batch an extra gentle agitation while you are painting, to hold the batch in the fully mixed condition. Cyclone helps eliminate problems with panel to panel uniformity. **Features:** • Clamps cans quickly, easily, positively. • Thoroughly mixes most products in 60 to 90 seconds. • Breaks up and resuspends well settled solids. • Accepts pint through four-liter cans, including U.S. gallon, Imperial gallons, square gallons, and aerosol cans. (Some 5.1 cans, also 1/4 and 1/2 pts. stacked or with spacers.) • Quiet. • Mounts solidly. • Rugged construction. Engineered and manufactured in the U.S.A.



Cyclone Shaker .....P/N 09-00902 .....\$419.95  
 Cyclone Shaker .....P/N 09-00902 .....\$419.95

CS

# PTI SPECIALTY PAINTS

**PTI Specialty Paint & Coatings** exclusively from Aircraft Spruce & Specialty Co. are featured in space, aerospace and aviation applications throughout the world -- the Space Shuttle and Space Station projects, the Patriot and Stinger missile projects and in refurbishing of landing gear for commercial aircraft. Now, Aircraft Spruce brings PTI products to General and Sport Aviation.

See PTI Paint Products at [www.aircraftspruce.com](http://www.aircraftspruce.com)

## ZINC CHROMATE PRIMER

PTI's Zinc Chromate Primer is formulated to exceed the performance standards in the Federal Specification TT-P-1757. This primer promotes maximum adhesion to bare aluminum and steel and is recommended for that purpose. PTI's zinc chromate primer is a formulation proven to perform.



Description	Part No.	Price
Zinc Chromate Yellow Spray	09-00905	\$8.95
Zinc Chromate Yellow QT	09-00919	\$27.50
Zinc Chromate Yellow Gal	09-00922	\$67.75
Zinc Chromate Yellow 5Gal	09-00952	\$322.95
Zinc Chromate Green Spray	09-00895	\$8.40
Zinc Chromate Green QT	09-00917	\$27.50
Zinc Chromate Green Gal	09-00918	\$67.75
Zinc Chromate Green 5Gal	09-00953	\$322.95
1022X66 Reducer QT	09-00956	\$9.70
1022X66 Reducer Gal	09-00954	\$32.30
PRB Paint Remover 1 Gal	09-00969	\$40.40
PRB Paint Remover 5 Gal	09-00968	\$188.95

## ZINC OXIDE PRIMER

PTI's Zinc Oxide Primer is formulated to exceed the performance standards in the Federal Specification TT-P-1757 (the chromate free version of that specification). This primer promotes maximum adhesion to bare aluminum and steel and is recommended for that purpose. PTI's zinc oxide primer is formulated to provide a high performance primer that is considered a safer, more environmentally friendly, alternative to the zinc chromate primer.



Description	Part No.	Price
Zinc Oxide Yellow Spray	09-00905	\$8.95
Zinc Oxide Primer Yellow QT	09-00961	\$46.80
Zinc Oxide Primer Yellow Gal	09-00959	\$80.75
Zinc Oxide Primer Yellow 5Gal	09-00957	\$387.95
Zinc Oxide Green Spray	09-00904	\$8.95
Zinc Oxide Primer Green QT	09-00962	\$46.80
Zinc Oxide Primer Green Gal	09-00960	\$80.75
Zinc Oxide Primer Green 5Gal	09-00958	\$387.95
PRB Paint Remover 1 GAL	09-00969	\$40.40
PRB Paint Remover 5GAL	09-00968	\$188.95

## ACID ETCH PRIMER

PTI's Zinc Oxide Primer is formulated to exceed the performance standards in the Federal Specification TT-P-1757 (the chromate free version of that specification). This primer promotes maximum adhesion to bare aluminum and steel and is recommended for that purpose. PTI's zinc oxide primer is formulated to provide a high performance primer that is considered a safer, more environmentally friendly, alternative to the zinc chromate primer.



Description	Part No.	Price
Acid Etch Wash PrimerYlw Qt	09-00948	\$51.75
Primer Yellow Acid Etch 1Gal	09-00946	\$72.75
Primer Yellow Acid Etch 5Gal	09-00944	\$306.95
Primer Green Acid Etch QT	09-00949	\$51.75
Primer Green Acid Etch Gal	09-00947	\$72.75
Primer Green Acid Etch 5Gal	09-00945	\$306.95
Reducer 1045 QT	09-00951	\$9.70
Reducer 1045 GAL	09-00950	\$27.50

## EPOXY PRIMER

PTI's Epoxy Primer is a low VOC (volatile organic compounds) epoxy polyamide solvent primer which conforms to the military specification MIL-P-23377 Rev. E. This formulation has been tested by the U.S. Government and is on the Federal Government's "Qualified Products List." This coating is highly recommended for use on aluminum and all plated or unplated metallic surfaces to insure maximum protection against corrosion. This primer may be used as an interior or exterior primer that insures maximum adhesion of any paint or lacquer finish coats. In laboratory tests, PTI's epoxy primer maintained its integrity when subjected to the following chemical and other resistance properties tests:

Lubricating Oil 24 hr immersion @ 250F - No defects Full Chemical Resistance after 7 days  
Hydraulic Fluid 24hr immersion @ 150F- No defects-Salt Spray per ASTM B117-1000+ Hrs  
Methyl Ethyl Ketone-Soaked Cloth 100+rubs - Passes Humidity (Filiiform) - 1000+ Hrs  
DS2 (1,5-Dichloropentane) - Passes

**NOTE: Before applying, refer to the technical data sheet for this product.**



Description	Part No.	Price
Yellow QT KIT	09-00934	\$64.75
Yellow GAL KIT	09-00932	\$193.95
Yellow SLD QT	09-00940	\$48.40
Yellow SLD GAL	09-00938	\$106.95
Green QT KIT	09-00935	\$64.75
Green GAL KIT	09-00933	\$193.95
Green SLD QT	09-00941	\$48.40
Green SLD GAL	09-00939	\$106.95
Epoxy Thinner QT	09-00937	\$11.30
Epoxy Thinner Gal	09-00936	\$35.50
Alkyd&Lacquer Thinner	09-00943	\$11.30
Alkyd&Lacquer Thinner	09-00942	\$35.50

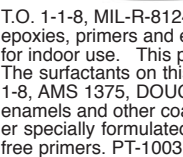
## ENAMELS

TI's Enamel is formulated to meet the performance specifications of Federal specification TT-E-489G. This product is a high quality alkyd enamel which performs best when used with PTI's zinc chromate or chromate free primer. It may be applied over wood or metal and is suitable for both interior and exterior applications.

Description	Part No.	Price	Description	Part No.	Price
Insignia Wht	09-00906	\$11.30	Lemon Yellow Gal	09-01206	\$112.95
Santa Fe Red	09-00907	\$13.00	Orange Yellow QT	09-01207	\$58.25
Juneau Wht	09-00908	\$11.30	Orange Yellow Gal	09-01208	\$112.95
Lemon Yellow	09-00909	\$13.00	Club Yellow Gal	09-01210	\$112.95
Bahama Blue	09-00910	\$13.00	Bahama Blue QT	09-01211	\$33.90
Chrstrn Eagle Red	09-00911	\$13.00	Bahama Blue Gal	09-01212	\$67.75
Orange Yellow	09-00912	\$13.00	Chrstrn Eagle Blu QT	09-01213	\$33.90
Chrstrn Eagle Blue	09-00913	\$13.00	Chrstrn Eagle Blu Gal	09-01214	\$67.75
Tennessee Red	09-00914	\$13.00	Chrstrn Eagle Red QT	09-01215	\$43.60
Federal Gray	09-00915	\$13.00	Chrstrn Eagle Red Gal	09-01216	\$87.25
Club Yellow	09-00916	\$13.00	Tennessee Red QT	09-01217	\$43.60
TOLUENE QT	09-00976	\$9.30	Tennessee Red GAL	09-01218	\$87.25
TOLUENE GAL	09-00975	\$17.00	Santa Fe Red QT	09-01219	\$43.60
Insignia Wht QT	09-01201	\$19.40	Santa Fe Red GAL	09-01220	\$87.25
105 Insignia Wht Gal	09-01202	\$40.40	Federal Gray QT	09-01221	\$24.20
110 Juneau Wht QT	09-01203	\$19.40	Federal Gray GAL	09-01222	\$42.00
Juneau Wht Gal	09-01204	\$40.40			
Lemon Yellow QT	09-01205	\$58.25			

## SOLVENTS & REMOVERS

PTI-MEK is virgin (not recycled) MEK that may be used to clean and prepare the substrate for painting. PTI-MEK may also be used to clean brushes, paint guns and other painting tools. PTI-Acetone is virgin (not recycled) Acetone that may be used to remove lacquer finishes, for cleanup after painting, and to soften lacquers or acrylics that set up in spray guns or hoses. Acetone is not effective on urethanes and should not be used. Use MEK for cleanup on urethane products. Use only virgin acetone. Recycled acetone can damage virtually anything to which it is applied. PTI-PRB paint remover is a non-toxic paint stripper designed for removing polyurethane and other paint systems. Contains no halogenated solvents, pheol, heavy metals or other toxic materials. It clings to vertical, inclined and overhead surfaces and is slow drying for a long reaction time. PTI-PRB is also free rinsing and it's surfactants are biodegradable. The remover is safe on all aircraft structural metals including high strength steel. This non-toxic stripper conforms to the following specifications: Boeing D6-17487, Douglas CSD-1, epoxies, primers and enamels. In addition to the fact that it is effective it is economical. PTI-PRY clings to vertical, inclined and overhead surfaces and is suitable for indoor use. This product is safe on most aircraft structural metals including high strength steel, mild steel, cadmium, aluminum, magnesium and copper alloys. The surfactants on this stripper are biodegradable. PTI-PRY conforms to the following specifications: MIL-R-81294D, Types I, II & IV and Class 3 (QPL), T.O.1-1-8, AMS 1375, DOUGLAS CSD-1, TYPE III, and BOEING D6-17487 REVISION H. PTI-Toluene is virgin (not recycled) toluene that may be used as a reducer for enamels and other coatings in the alkyd family. Do not use with PTI chromate and chromate free primers. Instead, use PT-1022X66 reducer. PT-1045 is a reducer specially formulated to compliment the PTI Air Dry Wash Primer. PT-1022X66 is a reducer specially formulated to compliment the PTI chromate and chromate free primers. PT-1003 Type II is a reducer specially formulated to compliment the PTI Epoxy primer.



Description	Part No.	Price	Description	Part No.	Price	Description	Part No.	Price
Alkyd&Lacquer Thinner	09-00943	\$11.30	PRY Paint Remover Gal	09-00965	\$33.90	MEK QT	09-00972	\$8.10
Alkyd&Lacquer Thinner	09-00942	\$35.50	PRY Paint Remover 5Gal	09-00964	\$149.95	MEK GAL	09-00971	\$17.80
Reducer 1045 QT	09-00951	\$9.70	PRY Paint Remover Drum	09-00963	\$1,517.00	ACETONE QT	09-00974	\$6.90
Reducer 1045 GAL	09-00950	\$27.50	PRB Paint Remover QT	09-00970	\$11.70	ACETONE GAL	09-00973	\$18.20
1022X66 Reducer GAL	09-00954	\$32.30	PRB Paint Remover 1 Gal	09-00969	\$40.40	TOLUENE QT	09-00976	\$9.30
1022X66 Reducer QT	09-00956	\$9.70	PRB Paint Remover 5Gal	09-00968	\$188.95	TOLUENE GAL	09-00975	\$17.00
PRY Paint Remover QT	09-00966	\$9.70	PRB Paint Remover Drum	09-00967	\$1,799.00			

# DOPES – THINNERS – SOLVENTS

**CERTIFIED COATINGS PRODUCTS**, located in Los Angeles, has been manufacturing aircraft dopes, thinners and special products for the aircraft industry for 50 years. It is a small company making good quality, high-solids dopes, very competitively priced. Since their products are made locally, we enjoy a tremendous saving in delivery costs which is reflected in the pricing as well. We have handled their line for many years with complete customer satisfaction.

**FAA/PMA**  
 In January 2005, Certified Coatings Products received FAA-PMA (Federal Aviation Administration Parts Manufacturing Approval) for use on Ceconite fabric. The products have always been approved for use on any other fabric. (PMA#PQ2435NM)



Certified  Coatings



## DOPES, THINNERS, AND SOLVENTS

Product Description	P/N 09-	Quart Price	P/N 09-	Gallon Price	P/N 09-	5 Gal. Price	P/N 09-	54 Gal. Drum Price
Nitrate Dope, Clear	09400	\$13.10	09500	\$29.30	09600	\$134.95	09700	\$1,139.00
Nitrate Dope, Blue Tint	09000	\$13.10	09100	\$29.30	09200	\$134.95	09300	\$1,140.00
Nitrate Dope, Clear, Non-Tautening	09900	\$13.80	10000	\$31.40	10100	\$143.95	10200	\$1,183.00
Butyrate Dope, Clear	10400	\$12.60	10500	\$29.10	10600	\$135.95	10700	\$1,137.00
Butyrate Dope, Clear, Non-Tautening	10900	\$15.70	11000	\$30.90	11100	\$145.95	11200	\$1,219.00
Nitrate Thinner	11400	\$8.80	11500	\$18.95	11600	\$75.50	11700	\$573.00
Butyrate Thinner	11900	\$10.60	12000	\$20.00	12100	\$87.75	12200	\$658.00
Retarder, Nitrate*	12400	\$8.40	12500	\$15.70	12600	\$72.75	---	---
Retarder, Butyrate*	12800	\$12.20	12900	\$25.80	13000	\$108.95	---	---
Acetone	13200	\$7.65	13300	\$17.20	13400	\$71.25	13500	\$636.00
MEK	13700	\$8.95	13800	\$19.50	13900	\$83.25	14000	\$659.00
Toluene	14100	\$6.30	14200	\$15.60	14300	\$63.00	---	---

\*Add 5% to 10%, as needed, of this blend of fast-cutting, high-boiling solvents to prevent dope blushing under conditions of high humidity. Also improves flow by slowing drying time.

Certified Coatings offers only a limited number of colors in butyrate dope which have been selected as standards. The colors will match as closely as possible the corresponding color on the Randolph selection card reproduced in this catalog.

## CERTIFIED COATINGS SPECIAL SOLVENTS

Product	P/N 09-	Quart	P/N 09-	1 Gal.	P/N 09-	5 Gal.
Acetone	13200	\$7.65	13300	\$17.20	13400	\$71.25
MEK	13700	\$8.95	13800	\$19.50	13900	\$83.25
Toluene						
Paint Remover	05702	\$8.20	05711	\$24.40		

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## CERTIFIED COATINGS COLORED BUTYRATE DOPE



Product Description	Product No.	Price		
		Quart	Gallon	5 Gallon
Chrome Yellow	8520	\$16.40	\$47.20	\$213.95
Daytona White	8125	\$17.40	\$49.30	\$233.95
Juneau White	8415	\$15.90	\$49.30	\$198.95
Miami Blue	8611	\$20.80	\$56.00	\$312.95
Insignia Blue	8124	\$22.50	\$65.50	\$273.95
Cub Yellow	8522	\$16.40	\$50.00	\$213.95
Tennessee Red	8321	\$18.10	\$52.25	\$224.95
Insignia Red	8350	\$18.10	\$52.00	\$266.95
Plain White	8120	\$15.90	\$49.10	\$223.95

To Order: Use Product # plus "QT" for Qt., "1G" for Gal. and "5G" for 5 Gal.

Color	Certified Coatings	Randolph Equivalent	Color	Certified Coatings	Randolph Equivalent
#8125	Daytona White	Daytona White	#8321	Tennessee Red	Pontiac Red
#8415	Juneau White	Juneau White	#8350	Insignia Red	Castilian Red
#8522	Cub Yellow	Cessna Wildcat Yellow	#8120	Plain White	Insignia White
			#8520	Chrome Yellow	Baja Yellow



### CERTI-FILL SILVER

This non-tautening butyrate UV barrier can be sprayed or brushed over nitrate or butyrate coatings for optimum ultra-violet ray protection.

Quart .....P/N 09-12300 .....\$19.95  
 Gallon .....P/N 09-12310 .....\$47.20  
 5 Gallon .....P/N 09-12320 .....\$219.95



### SURE SEAM FABRIC CEMENT

Sure Seam is a high quality, high tack fabric cement which has excellent bonding properties.

Quart .....P/N 09-13330 .....\$19.95  
 Gallon .....P/N 09-13340 .....\$49.20

# RANDOLPH AIRCRAFT COATINGS



Randolph coatings are the FAA-approved coatings for the Ceconite STC covering process.



## 210 NITRATE DOPE, TAUTENING, CLEAR, HI-SOLIDS

Used only on Grade A cotton or Irish Linen. A premium high solids nitrate dope that tightens natural fabric as it dries. Not for use on Ceconite or heat-shrunk synthetic fabrics. Thin 1:1 w/286 Nitrate Thinner.

- Quart .....P/N 210-QT .....\$11.60
- Gallon .....P/N 210-1G .....\$34.85
- 5 Gallons .....P/N 210-5G .....\$167.85



## W-7868 NITRATE DOPE, TINTED, NON-TAUTENING (BLUE)

Initial coating for Ceconite or heat shrunk polyester fabric. Additional plasticizers slow shrinking after application. Thin 1:1 with 286 Nitrate Thinner.

- Quart .....P/N W-7868-QT ..\$12.70
- Gallon .....P/N W-7868-1G ..\$37.80
- 5 Gallons .....P/N W-7868-5G \$183.00



## E-4964 NITRATE DOPE, CLEAR, NON-TAUTENING

Initial coating for Ceconite or heat shrunk polyester fabric. For use on open cockpit aircraft where tinted dope is not desired. Thin 1:1 w/286 Nitrate Thinner.

- Quart .....P/N E-4964-QT ..\$12.60
- Gallon .....P/N E-4964-1G ..\$37.65
- 5 Gallons .....P/N E-4964-5G \$182.25



## G-6302 RAND-O-PROOF NITRATE DOPE (GREEN)

Special formulation of nitrate dope and additives for the initial coat on Ceconite fabric and for applying tapes. This is the recommended first coat in the Ceconite/Randolph system. Thin 1:1 with 286 Nitrate Thinner.

- Quart .....P/N G-6302-QT ..\$12.80
- Gallon .....P/N G-6302-1G ..\$38.10
- 5 Gallons .....P/N 09-01017.....\$184.50



## 286 NITRATE THINNER

Used 1:1 to thin nitrate dopes & Rand-O-Proof.

- Quart .....P/N 286-QT .....\$7.30
- Gallon .....P/N 286-1G .....\$21.00
- 5 Gallons .....P/N 286-5G .....\$99.45



## 9701 BUTYRATE DOPE, TAUTENING, CLEAR

Used only on Grade A Cotton or Irish Linen to tighten the fabric as it dries. Not for use on Ceconite or heat-shrunk synthetic fabrics. Thin 1:1 with 9703 Butyrate Thinner.

- Quart .....P/N 9701-QT .....\$12.30
- Gallon .....P/N 9701-1G .....\$36.80
- 5 Gallons .....P/N 9701-5G .....\$177.40



## W-8350 BUTYRATE DOPE TINTED, NON-TAUTENING (TAN)

This non-taughtening butyrate dope features an increased level of plasticizer and will not tauten excessively. Takes longer to dry than standard butyrates. Tinted. Used to apply finishing tapes. Additional plasticizers slow shrinking. **TINTED LIGHT TAN BUT DRIES CLEAR.** Recommended initial build butyrate coating to follow Rand-O-Proof in the Ceconite/Randolph system. Thin 1:1 with 9703 Butyrate Thinner.

- Gallon .....P/N 09-00788.....\$39.65
- 5 Gallons .....P/N 09-00789.....\$191.70



## J3000 BUTYSOLV REJUVENATOR

Used to soften older dope coatings which exhibit cracking or ring-worming. Restores plasticizers in aged finishes to add flexibility. Only works on aircraft painted with butyrate dope; will not work on polyurethane topcoat finishes.

- Quart .....P/N 09-14505 .....\$21.50
- Gallon .....P/N 09-14510 .....\$64.55
- 5 Gallons .....P/N 09-14515 .....\$316.30



## G-6303 RAND-O-FILL BUTYRATE (SILVER)

Rand-O-FillG-6303 is a non-tautening butyrate material designed as the aluminum spray coat over Rand-O-Proof G-6302, over Nitrate Clear Dope or Butyrate clear Dope. Allow to dry. Wet sand to desired smoothness. Wash and allow surface to completely dry before applying following coat. Thin as needed with Butyrate Thinner.

- Quart .....P/N G-6303-QT .....\$14.16
- Gallon .....P/N 09-01018 .....\$43.90
- 5 Gallons .....P/N 09-01019 .....\$212.85



## 701 ALUMINUM PASTE

A fine mesh paste which is easier to use than powder. Mix 4 oz. by weight of paste to one gallon of clear butyrate dope before thinning.

- 1 Lb. ....P/N 09-14500 .....\$16.70



## 9703 BUTYRATE THINNER

Used 1:1 to thin butyrate dopes & pigmented butyrate colors.

- Quart .....P/N 9703-QT .....\$7.70
- Gallon .....P/N 9703-1G .....\$23.10
- 5 Gallons .....P/N 9703-5G .....\$110.30



## Y-9910 UNIVERSAL RETARDER

Prevents blush in nitrate and butyrate products. Also used to slow nitrate and butyrate drying in high temperatures.

- Quart .....P/N Y-9910-QT ....\$11.70
- Gallon .....P/N 09-01048 .....\$35.05
- 5 Gallons .....P/N 09-01049 ....\$168.90



## A-1690 BUTYRATE DOPE, NON-TAUTENING (CLEAR)

For use as a build coat after E-4964 Non-Tautening Nitrate (Clear) on open cockpit aircraft where tinted dope is not desired. Thin 1:1 with 9703 Butyrate Thinner.

- Quart .....P/N 09-00817 .....\$13.20
- Gallon .....P/N 09-00818 .....\$39.45
- 5 Gallons .....P/N 09-00819 .....\$190.85



## MATERIAL REQUIREMENTS FOR AVERAGE SIZE AIRPLANE USING RANDOLPH FINISHES AND CECONITE FABRIC

- |                                       |                                  |
|---------------------------------------|----------------------------------|
| • 45 yds. 70" Ceconite 102            | • 5 gal. Nitrate Thinner         |
| • 5 gals. Rand-O-Proof                | • 10 gal. Rand-O-Fill            |
| • 10 gals. NT Butyrate                | • 30 gal. Butyrate Thinner       |
| • 3 gal. Universal Finishing Retarder | • 10 gal. (White) Butyrate Dope  |
| • 13 rls. Pinked Ceconite Tape        | • 1 rl. Ceconite Rib Lacing Cord |
| • 2 rls. 1/2" Reinforcing Tape        | • 100 Plastic Drain Grommets     |
| • 30 Inspection Rings                 | • 1 gal. Rand-O-Bond             |
| <b>TOTAL (Estimate).....\$ 3,500</b>  |                                  |

## VISCOSITY CUP



A precision tool to accurately measure paint viscosity when spraying automotive and aircraft finishes. Consists of a nylon cup with a precisely sized small hole in the bottom. As paint flows through the hole, time the rate of flow. Adjust viscosity by adding thinner as required to produce recommended flow for product being used.

- P/N 01-25400 .....\$11.80

55 Gallon Drums - For 55 gallon drum of Randolph product, use basic P/N D55 - Example: 210-D55

# RANDOLPH FINISHES



## RANDOLPH COLOR PRODUCTS

### RANTHANE POLYURETHANE FINISH

Ranthane is a low viscosity, very high solids polyurethane material resulting in low film weight providing a lasting high gloss. Will withstand most chemicals, engine oils, and hydraulic fluids. Has superb adhesion and abrasion resistance as well as high temperature resistance. For fabric and primed metal.

**Whites** Qt. \$43.95 Gal. \$134.05  
**All Other Colors** Qt. \$60.70 Gal. \$182.25

**RANTHANE HIGH SOLIDS CATALYST** - Pint .....P/N 09-00328 .....\$26.50  
 Use w/ High Solid Polyurethane Qt. ....P/N 09-00400 .....\$49.90

**RANTHANE ACCELERATOR** - Qt. ....P/N D-7201-QT ...\$35.45

**RANTHANE REDUCER** - Qt. ....P/N G-4200-QT .....\$9.20  
 Gal. ....P/N G-4200-1G ....\$28.20

To order Ranthane colors, please specify Randolph color from chart on right and specify quart or gallon.

## RANDOLPH AIRCRAFT ENAMELS

A high gloss, fast drying enamel for use on primed metal or fiberglass. Enamels match all 50 Randolph Butyrate and Ranthane colors. Not for use on fabric. Application: Thin 3 parts enamel to 1 part enamel reducer. For best results use over EP-420W Epibond or EP-420G Rand-O-Plate Epoxy Primer.

6 Whites	Quart	Gallon
New Insignia White	\$19.35	\$70.20
Tropic White	\$19.35	\$70.20
Vestal White	\$19.35	\$70.20
Juneau White	\$19.35	\$70.20
Glacier White	\$19.35	\$70.20
Daytona White	\$19.35	\$70.20
ALL Other Colors (color card 2004)	\$24.20	\$84.70



## RANDOLPH ENAMEL THINNER

Fast drying thinner for use with Randolph Aircraft Enamels and Fast Dry engine Enamels.

Qt. ....P/N 257-QT .....\$7.70  
 Gal. ....P/N 257-1G .....\$23.30

## RANDOLPH ENAMEL HARDENER/GLOSS ADDITIVE

Hardens and increases gloss and resistance to staining and chipping. Application: After thinning, add 8-16oz per gallon.

Pint .....P/N 09-01164 .....\$11.90

## FAST-DRY ENGINE ENAMELS

Formulated to be heat resistance and maintain good gloss and color retention. For use in the painting of engine crank cases and cylinders, after major overhaul or for general maintenance. Can also be used on engine mounts and supports. Service temperature is 300-350 degrees F. Reduction: Thin to correct spray viscosity with #257 Enamel Thinner (approximately 20% reduction). Application: Spray two coats. Allow to dry to the touch between coats.

Color	Quart		Gallon	
	Part No.	Price	Part No.	Price
303 Black	303-QT	\$17.40	303-1G	\$52.15
D-5973 Continental Gold	D-5973-EQ	\$17.40	D-5973-EG	\$52.15
G-5436 Lycoming Gray	G-5436-EQ	\$17.40	G-5436-EG	\$52.15



## RANDOLPH COLOR SELECTIONS AND PRICES

COLORS	BUTYRATE		ENAMEL	
	For Fabric Only		For Metal Only	
	Qts.	Gals.	Qts.	Gals.
<b>Reds</b>				
B-3534 Madrid Red	\$22.00	\$77.00	\$24.20	\$84.70
B-9163 Colorado Red	22.00	77.00	24.20	84.70
M-9522 Tennessee Red	22.00	77.00	24.20	84.70
M-9530 Vermillion Red	22.00	77.00	24.20	84.70
W-3665 Pontiac Red	22.00	77.00	24.20	84.70
J-9555 Cadillac Red	22.00	77.00	24.20	84.70
H-9150 Santa Fe Red	22.00	77.00	24.20	84.70
X-5680 Boston Maroon*	22.00	77.00	24.20	84.70
X5749 Stinson Maroon				
<b>Standard Colors</b>				
M-9526 Cruiser Orange	\$22.00	\$77.00	\$24.20	\$84.70
C-2065 Ocala Orange	22.00	77.00	24.20	84.70
E-6427 Aeronca 7AC Yellow	22.00	77.00	24.20	84.70
M-9512 Lemon Yellow	22.00	77.00	24.20	84.70
M-9501 AN Orange Yellow	22.00	77.00	24.20	84.70
F-6285 Cub J-3 Yellow	22.00	77.00	24.20	84.70
M-9521 Lock Haven Yellow	22.00	77.00	24.20	84.70
Y-5783 Dallas Yellow*	22.00	77.00		
D-9270 Ag Cat Yellow	22.00	77.00		
N-3353 Federal Yellow	22.00	77.00	24.20	84.70
F-2406 Federal Green	22.00	77.00	24.20	84.70
F-5830 Montego Green*	22.00	77.00	24.20	84.70
Y-6350 Forest Green*	22.00	77.00	24.20	84.70
W-3554 Lakeland Blue	22.00	77.00	24.20	84.70
W-9506 AN True Blue	22.00	77.00	24.20	84.70
H-9170 Bahama Blue	22.00	77.00	24.20	84.70
X-5700 Miami Blue	22.00	77.00	24.20	84.70
M-9502 Insignia Blue	22.00	77.00	24.20	84.70
Z-7245 Sun Valley Ivory	22.00	77.00	24.20	84.70
M-9518 Diana Cream	22.00	77.00	24.20	84.70
X-5260 Tucson Cream*	22.00	77.00	24.20	84.70
Q-1050 New Insignia White	17.60	63.80	19.35	70.20
W-9170 Tropic White	17.60	63.80	19.35	70.20
K-7641 Vestal White	17.60	63.80	19.35	70.20
B-4243 Juneau White	17.60	63.80	19.35	70.20
J-9545 Daytona White	17.60	63.80	19.35	70.20
Q-1916 Randolph White	17.60	63.80	19.35	70.20
F-7790 AG Cat Gray	22.00	77.00	24.20	84.70
R-4870 Neutral Gray	22.00	77.00	24.20	84.70
R-8174 Platinum Gray	22.00	77.00	24.20	84.70
Y-6100 Polar Gray	22.00	77.00	24.20	84.70
H-6117 Black	22.00	77.00	24.20	84.70
R-8175 Sandalwood*	22.00	77.00	24.20	84.70
Y-9775 Hickory Brown	22.00	77.00	24.20	84.70
R-4869 Olive Drab* (Flat)	22.00	77.00	24.20	84.70
E-6428 Aeronca 7AC Orange	22.00	77.00	24.20	84.70
P-8600 Cessna Tiger Orange	22.00	77.00		
<b>Metallic Colors</b>				
W-8427 Tampa Green*	\$22.00	\$77.00	\$24.20	\$84.70
W-8430 Newport Blue*	22.00	77.00	24.20	84.70
M-9514 Silver	22.00	77.00	24.20	84.70
B-9916 Reno Gold				

How to Order: Use these dash #'s to complete Randolph color part #'s:

Butyrate: Qts -BQ, Gallons -BG;

Example: P-8599-BG

Enamel: Qts -EQ, Gallons -EG, Spray -ES.



# 3M ABRASIVES

## 3M™ STIKIT™ DISC PAD 05575



For use with 5 diameter Stikit™ Discs. Has medium density foam and a 45° tapered edge for flexibility. These lightweight, shock-resistant pads have a vinyl face (blue) that provides excellent disc adhesion yet allows quick, easy removal.

Color	Size	Part No.	Price
Blue	5" x 3/4"	09-01449	\$15.40

## 3M™ STIKIT™ DISC HAND PAD 11063



Use with 5 diameter Stikit™ Discs. Made with soft density foam for conformability. Has 1 inch wide strap for holding the pad to the operators hand.

Size	Part No.	Price
5" x 1"	09-01449	\$10.60

## 3M™ STIKIT™ PAPER DISC ROLL 236U



Constructed of durable aluminum oxide; works well for most wood species. The open coat feature provides a more aggressive cut than a comparable closed coat abrasive of the same grade and a special loading resistant coating makes this disc a good choice when loading is a problem. The C weight, paper backing is more durable for extended disc life and harsher sanding applications.

Grade	Size	Part No.	Price	Grade	Size	Part No.	Price
P80	5" xNH	09-01558	\$24.90	P180	5" xNH	09-01576	\$24.90
P100	5" xNH	09-01559	\$24.90	P220	5" xNH	09-01577	\$24.90
P120	5" xNH	09-01560	\$24.90	P240	5" xNH	09-01578	\$24.90
P150	5" xNH	09-01575	\$24.90	P320	5" xNH	09-01579	\$24.90

## 3M™ STIKIT™ PAPER DISC ROLL 415N



A silicon carbide Stikit™ Disc Roll constructed on a A weight, light paper backing. Features an anti-loading stearate coating.

Grade	Size	Part No.	Price
240	5" xNH	09-01449	\$46.60
320	5" xNH	09-01450	\$46.60

## SCOTCH-BRITE™ GENERAL PURPOSE HAND PAD



Most universally used in a variety of applications. Excellent starting point to clean, finish, grain, denib and defuzz. May be used by hand, with a hand pad block, or on an in-line sander.

Grade	ID	Part No.	Price
VFIN	7447	09-01503	\$0.85

## SCOTCH-BRITE™ HEAVY DUTY HAND PAD



Tight and dense, this pad is the most aggressive and durable web. Excellent for heavy cleaning, deburring, and finishing. May be used by hand, with a hand pad block or on an in-line sander.

Grade	ID	Part No.	Price
MED	7440	09-01504	\$2.30

## SCOTCH-BRITE™ LIGHT DUTY HAND PAD



Durable web offers long life and conformability. Designed to clean, finish and buff. May be used by hand, with a hand pad block or on an in-line sander.

Grade	ID	Part No.	Price
UFIN	6448	09-01414	\$0.91

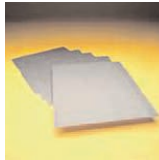
## SCOTCH-BRITE™ LIGHT DUTY CLEANSING PAD



Conformable web and fine mineral are excellent for fine finishes, light cleaning. Among our least aggressive abrasive hand pad. May be used by hand, with a hand pad block or on an in-line sander.

ID	Grade	Part No.	Price
7445	SFIN	09-01415	\$0.87

## 3M™ WETORDRY™ PAPER SHEET 431Q



A silicon carbide Wetordry™ abrasive product constructed on a C weight, intermediate paper backing. Can be run wet or dry.

Grade	Size	Part No.	Price	Grade	Size	Part No.	Price
120	9"x11"	09-20550	\$0.74	320	9"x11"	09-20800	\$0.65
220	9"x11"	09-20600	\$0.70	400	9"x11"	09-20900	\$0.65
280	9"x11"	09-20700	\$0.65				

## SCOTCH-BRITE™ CLEAN AND FINISH



Flexible web for finishing, blending, and polishing. Conformable for access to hard-to-reach areas. Great for general use on a variety of materials. Use manually or on an in-line sander.

Grade	Size	Part No.	Price
AMED	4"X30'	09-01500	\$56.75
AVFN	4"X30'	09-01501	\$35.90

## 3M™ ROLOC™ DISC PAD



Rubber backup pads available in different degrees of hardness for varying grinding applications. Backup pad designed to support 3M™ Roloc™ abrasive discs. This pad has a /20 INT thread which allows it to be mounted directly to tools with /20 EXT threaded shaft or use with Roloc™ shank to fit collet chuck tools.

Grade	Size	Part No.	Price	Grade	Size	Part No.	Price
Med	1-1/2"	09-01556	\$9.30	Med	3"	09-01554	\$12.10
Med	2"	09-01555	\$11.60				

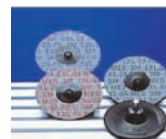
## SCOTCH-BRITE™ ROLOC™ TR SURFACE CONDITIONING DISC



A non-woven abrasive product used for cleaning, finishing, blending and deburring applications. A threaded attachment system secures the disc to the holder.

Grade	Size	Part No.	Price	Grade	Size	Part No.	Price
ACRS	1.5"	09-01510	\$0.59	AVFN	2"	09-01505	\$0.85
AMED	1.5"	09-01511	\$0.59	ACRS	3"	09-01509	\$1.61
AVFN	1.5"	09-01512	\$0.51	AMED	3"	09-01508	\$1.61
ACRS	2"	09-01506	\$0.85	AVFN	3"	09-01507	\$1.61

## SCOTCH-BRITE™ ROLOC™ TR EXL UNITIZED WHEEL



High performance and durability for deburring and finishing applications. Threaded attachment system secures the wheel to the holder.

Grade	Size	Part No.	Price	Grade	Size	Part No.	Price
2AMED	2"XNH	09-01514	\$2.75	2AMED	3"XNH	09-01515	\$5.10
6AMED	2"XNH	09-01516	\$3.25	6AMED	3"XNH	09-01517	\$6.00

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# 3M ABRASIVES - ADHESIVES

## 3M™ GREEN CORPS™ CUT OFF WHEEL



Wheel is designed to provide high cut rates and long life on most all materials including fiberglass, stainless steel, mild steel and aerospace alloys. Ideal for use on a wide variety of utility type cut off tools. Do not use on tools without guards.

ID	Size	Part No.	Price
01985	3"x1/32"x3/8"	09-01521	\$4.40
01986	3"x1/16"x3/8"	09-01522	\$4.40
01994	4"x1/32"x3/8"	09-01524	\$5.10
82238	3"x1/32"x1/4"	09-01570	\$3.75
83488	4"x1/16"x3/8"	09-01571	\$5.10
88755	4"x1/32"x1/4"	09-01580	\$3.90

## 3M™ FOAMFAST 74 SPRAY ADHESIVE



For bonding flexible urethane or latex foam together or to many other materials like wood, metal, and non-vinyl plastics.

Size	Color	Part No.	Price
24 oz	Orange	09-01394	\$12.00

## 3M™ POLYSTYRENE FOAM INSULATION 78



3M™ Polystyrene Foam Insulation 78 Spray Adhesive is a high solids aerosol. Adjustable lace spray minimizes overspray and cleanup. Ideal for attaching fiberglass, expanded polystyrene foam and extruded polystyrene foam insulation. Effective up to 140°F.

Size	Color	Part No.	Price
24 oz	Clear	09-01378	\$10.60

## 3M™ REPOSITIONABLE 75 SPRAY ADHESIVE



This adhesive provides tape-like bonds on many light-weight materials. It adheres in seconds, yet has an extra-long tack range that allows you to lift and reposition materials.

Size	Part No.	Price
16 oz	09-01377	\$11.00

## 3M™ RUBBER AND VINYL 80 ADHESIVE



First true contact adhesive in aerosol form. It has exceptional resistance to plasticizing oils. Bonds rubber and supported vinyls better than many typical bulk neoprene contact adhesives.

Size	Part No.	Price
24 oz	09-01396	\$15.50

## 3M™ HI-STRENGTH 90 SPRAY ADHESIVE



High strength, fast contact-type adhesive. Fast contact strength buildup for many decorative laminates. Only needs 1 minute of drying time.

Size	Part No.	Price
24 oz	09-01376	\$14.80

## 3M™ SCOTCH-WELD™ URETHANE ADHESIVE DP601



3M™ Scotch-Weld™ DP601 is a self-leveling, gray, rapid setting, two-component polyurethane adhesive. It is packaged as 1:1 ratio liquids in duo-pak cartridges. With the squeeze of the trigger, the components are automatically mixed and easily dispensed as a bubble-free liquid.

Size	Color	Part No.	Price
12 oz	Gray	09-01413	\$30.90

## 3M™ SCOTCH-WELD™ URETHANE ADHESIVE DP601NS



3M™ Scotch-Weld™ DP601NS is a non-sag, gray, rapid setting, two-component polyurethane adhesive. It is packaged as 1:1 ratio liquids in duo-pak cartridges. With the squeeze of the trigger, the components are automatically mixed and easily dispensed as a bubble-free liquid.

Size	Color	Part No.	Price
50 ml	Gray	09-01412	\$7.10

## 3M™ SCOTCH-WELD™ EPOXY ADHESIVE



Fast setting, flexible, two-part adhesive with a 1:1 mix ratio for bonding many materials, such as metals, ceramics and many plastics. 9 minute work life with handling strength in 20 minutes.

Size	Color	Part No.	Price
200 mL	Translucent	09-01405	\$33.30
400 mL	Translucent	09-01406	\$60.00

## 3M™ SCOTCH-WELD™ EPOXY ADHESIVE DP125 DUO-PAK



Two-part epoxy adhesive with a 1:1 mix ratio, 25 minute work life and exhibits very high peel strength. Moderately flexible and the gray version has exceptional shear adhesion. Use to bond rubber, metal, wood, plastics, and masonry products.

Size	Color	Part No.	Price
1.7 oz	Gray	09-01403	\$14.30
1.7 oz	Translucent	09-01402	\$14.30

## 3M™ SCOTCH-WELD™ EPOXY ADHESIVE DP100 PLUS



Exhibits much higher shear and peel strengths compared to DP100 Adhesive. It has a 1:1 mix ratio, a 4 minute work life, and is slightly flexible when cured.

Size	Color	Part No.	Price
1.7 oz	Clear	09-01401	\$11.80

## 3M™ SCOTCH-WELD™ EPOXY ADHESIVE DP190 DUO-PAK



A flexible, two-part adhesive that cures at room temperature and provides high strength bonds with good performance in shear and peel. Can be used to bond rubber, metal, wood, most plastics, and masonry products.

Size	Color	Part No.	Price
1.7 oz	Gray	09-01375	\$12.10
200 mL	Gray	09-01404	\$33.30

## 3M™ SCOTCH-WELD™ EPX™ APPLICATORS AND ACCESSORIES



Mixing nozzle will perform to your requirements. With consistent air pressure for easy uniform application, the Duo-Pak cartridge will give you the flow rate needed. Fast, convenient way to simultaneously meter, mix and apply two-part adhesives and potting compounds. System features handy 3M™ Scotch-Weld™ EPX™ Cartridges that snap quickly into the durable, lightweight Scotch-Weld™ EPX™ applicator. A slight squeeze on the trigger advances the plunger into the cartridge. Accurate measurement and the mixing nozzle provides thorough mixing and precise placement of material. Ideal system for assembly, maintenance and in-field service.

Size	Color	Part No.	Price
50 mL	EPX Metal Applicator w/Plunger	09-01371	\$41.70
50 mL	EPX Mixing Nozzle 9742	09-01372	\$1.35

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# 3M ADHESIVES - AUTOMOTIVE PRODUCTS

## 3M™ SCOTCH-WELD™ INSTANT ADHESIVE CA40H



One-part, high strength, very fast setting adhesive cures at room temperature. Adheres to difficult to bond substrates such as EPDM rubber, aluminum, and flexible vinyl.

Size	Desc	Part No.	Price
1 oz	Bottle	09-01368	\$16.90

## 3M™ SCOTCH-WELD™ INSTANT ADHESIVE CA8



This instant adhesive has a fast set time of 5 to 40 seconds. Excellent adhesion on metal, plastic and rubber. Bonds resist shock and impacts. A cyanoacrylate adhesive.

Size	Desc	Part No.	Price
1 oz	Bottle	09-01366	\$16.90

## 3M™ SCOTCH-WELD™ INSTANT ADHESIVE SURFACE ACTIVATOR



It is ideal for use with all 3M Cyanoacrylate Adhesives for a broad range of industrial and electronic applications. It is also ideal for use with CA-5, CA-9, or CA-50 Gel for many wire tacking and coil terminating applications.

Size	Desc	Part No.	Price
2 oz	Bottle	09-01407	\$8.70

## 3M™ SCOTCH-GRIP™ PLASTIC ADHESIVE ADHESIVE 2262



A clear, non-staining high strength adhesive with exceptional resistance to plasticizer migration. Develops tack very rapidly. Can be used to bond many flexible, rigid and extruded vinyls to metal and many other surfaces.

Size	Desc	Part No.	Price
1 qt	Bottle	09-01365	\$36.30

## 3M™ SCOTCH-GRIP™ RUBBER ADHESIVE 1300



This fast drying adhesive develops strength very quickly. It has excellent heat resistance; temperature performance is from -5 to 300F. Meets specification requirements of MIL-A-1154C. Bonds neoprene, reclaim, SB-R, and butyl rubber to metal, wood, most plastics, and many other products.

Size	Desc	Part No.	Price
1 qt	Bottle	09-27220	\$23.60

## 3M™ SCOTCH-GRIP™ RUBBER AND GASKET ADHESIVE 847



This fast drying adhesive develops strength very quickly. It has excellent heat resistance; temperature performance is from -5 to 300F. Meets specification requirements of MIL-A-1154C. Bonds neoprene, reclaim, SB-R, and butyl rubber to metal, wood, most plastics, and many other products.

Size	Desc	Part No.	Price
5 oz	Bottle	09-01361	\$8.00

## 3M™ SCOTCH-WELD™ URETHANE ADHESIVE DP605NS



A fast setting, urethane adhesive. Its non-sag properties make application on many vertical surfaces easy. Has a 5 minute work life and is excellent for filling gaps. Adheres to wood, plastic and primed metal. Reaches handling strength in 15 to 20 minutes.

Size	Desc	Part No.	Price
1.7 oz	Bottle	09-01395	\$11.30

## 3M™ GENERAL TRIM ADHESIVE 8088 - CLEAR



A high strength adhesive for bonding automotive materials (carpeting, jute pads, fabrics, plastics) to metal and other surfaces. Good heat and water resistance. Not recommended for bonding polystyrene foam. (For bonding polystyrene foam, use 3M™ Spray Trim Adhesive PN08074).

Size	Desc	Part No.	Price
18.1 oz	Clear	09-01444	\$10.70

## 3M™ IMPERIAL™ HAND GLAZE



Non-silicone, non-wax hand glaze. Excellent depth of shine. Superior luster. Use by hand to refine and fill swirls after machine glazing refinish or factory applied paints. Specially formulated to work on all colors and can be painted over.

Size	Desc	Part No.	Price
1 qt	Clear	09-01438	\$18.20

## 3M™ IMPERIAL™ MACHINE GLAZE



Non-silicone, non-wax machine glaze. Possesses excellent scratch removal characteristics. Superior depth of shine and luster. Use by machine to remove swirl marks after compounding acrylic lacquer. Formulated to work on all vehicle colors.

Size	Desc	Part No.	Price
1 qt	Clear	09-01439	\$25.80

## 3M™ PERFECT-IT™ BACKUP PAD



Specially designed backup pad for use with the 3M™ Superbuff™ Adaptor (PN05710). Enables 3M™ Superbuff™ Compound Pad users to use the 3M™ Perfect-It™ Foam Polishing Pad without having to remove the 3M™ Superbuff™ Adaptor from the shaft of the polisher.

Size	Desc	Part No.	Price
1 qt	7"x3/4"	09-01426	\$38.80

## 3M™ FINESSE-IT™ FINISHING MATERIAL 81235



Specially designed compounds and polishes to be used on OEM and baked refinish paints to remove sand scratches or to remove swirl marks from previously compounded areas.

Size	Desc	Part No.	Price
1 qt	81235	09-01451	\$18.50

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# 3M AUTOMOTIVE PRODUCTS - CLEANERS & LUBES

## 3M™ PERFECT-IT™ II RUBBING COMPOUND



Specially designed medium-cutting compound for removing grade 1200, 1500 and 2000 color sanding scratches in paints including clear coats. Unique formulation. Produces minimal compound swirl marks while buffing to a high gloss. When followed by the 3M™ Perfect-It™ Foam Polishing Pad Glaze, this two-step system delivers a show car luster in record time. Use with 3M™ Perfect-It™ Foam Compounding Pad (PN05723).

Size	Units	Part No.	Price
1 qt	QT	09-01437	\$16.60

## 3M™ WHITE GREASE 8875 (LITHIUM LUBE)



Long-lasting lubrication, easy spray viscosity. Won't drip or run. Resists "washing out" if exposed to road spray.

Size	Part No.	Price
10.5 oz	09-01445	\$5.10

## 3M™ OVERSPRAY PROTECTIVE SHEETING MASKER



Portable masker designed to dispense Overspray Protective Sheeting (PN06727). Can be used horizontally, vertically or wall mounted. Spring loaded end frame designed for easy loading of Overspray Protective Sheeting. Paper is not included with masker.

ID	Part No.	Price
PN6780	09-01441	\$175.95

## 3M™ FIBERGLASS RESINS



Designed to be used with Fiberglass Cloth (PN05838) and/or Fiberglass Mat (PN05833). Waterproof when cured. Liquid Hardener (PN0536) included. For metal and fiberglass. Thick formulation resists sags or runs.

Size	Part No.	Price
1 qt	09-01433	\$18.00

## 3M™ LIGHTWEIGHT BODY FILLER



Cures tack-free in 15-20 minutes — reduces sandpaper loading. Creamy texture. Smooth spreading. Easy smoothing. Vacuum processed to minimize pinholes.

Size	Part No.	Price
1 qt	09-01428	\$8.00

## 3M™ FLOWABLE FINISHING PUTTY



Tack-Free and Stain Resistant. Two component, self-leveling putty designed for use as a "skin" coat over plastic filler to fill pinholes, sand scratches, low areas or other imperfections. Available in quart and handy squeeze dispenser — no mess. Fills pinholes in body fillers and small imperfections in metal and fiberglass. Cures tack-free in 30 minutes. Flowable, brushable. Easiest sanding 3M™ Polyester Putty. Minimizes staining that can occur with basecoat/clearcoat systems over body filler. Vacuum processed to minimize pinholes. Excellent adhesion to galvanized, aluminum and thoroughly cured and sanded factory-applied paint surfaces.

Size	Part No.	Price
24 oz	09-01432	\$25.50

## 3M™ LIQUID HARDENER



Fast-acting liquid hardening agent designed to be used with 3M™ Sprayable Polyester Filler (PN05825 or 05856), and/or 3M™ Fiberglass Resin (PN05833 or 05834)..

Size	Units	Part No.	Price
22 oz	TB	09-01437	\$16.60

## 3M™ LONG STRAND FIBERGLASS REINFORCED FILLER



Contains long strands of fiberglass. Repairs holes, cracks and tears in fiberglass. Repairs holes in metal. Waterproof. Repairs larger holes, cracks and tears than 3M™ Short Strand Fiberglass Reinforced Filler (PNs 05815-05816).

Size	Units	Part No.	Price
1 gal	GA	09-01430	\$44.80

## 3M™ SHORT STRAND FIBERGLASS REINFORCED FILLER



Contains chopped fiberglass. Repairs holes, cracks and tears in fiberglass. Repairs holes in metal. Smooth spreading. Waterproof. Can be used with Fiberglass Mat (PN05837) or Fiberglass Cloth (PN05838) to reinforce large repair areas.

Size	Units	Part No.	Price
1 gal	GA	09-01431	\$40.00

## 3M™ SPREADERS



Designed for spreading body and fiberglass fillers, finishing putties, and resins. Sharp edge. Flexible. Durable. Easy to clean. Cured fillers pops off easily. Available in 4, 5 or Assortment (1 each 4, 5 and 6).

Size	Units	Part No.	Price
4"	EA	09-01436	\$2.70

## 3M™ ADHESIVE REMOVER CITRUS BASE



Provides easy clean up of most types of adhesives. Quickly removes waxes, road tars, grease, oil and similar materials. Will not harm paint, vinyl or fabrics when properly used.

Size	Units	Part No.	Price
24 oz	CN	09-01379	\$12.20

## 3M™ ADHESIVE REMOVER CITRUS BASE



A liquid cleaner/degreaser that can be used to dissolve and remove dirt, grease, tar, and many non-curing type adhesives. It can also be used to degrease substrates for adhesive bonding in place of many chlorinated or petroleum-based solvents.

Size	Units	Part No.	Price
24 oz	CN	09-01393	\$15.20

## 3M™ 5-WAY PENETRANT



Multi-purpose product that is effective as a demoisurant - displaces moisture and "dries out" electrical apparatus.

Size	Units	Part No.	Price
24 oz	CN	09-01370	\$9.90

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# 3M ELECTRICAL - FASTENERS - MATTING

## SCOTCH® SUPER 33+D VINYL ELECTRICAL TAPE DISPENSER



A premium grade vinyl electrical insulating tape, its aggressive adhesive and elastic backing ensure easy, water-resistant conformation to irregular surfaces in low temperatures, yet will not ooze or melt in high temperatures.

Size	Desc	Part No.	Price
3/4"X66'	33+D	09-01465	\$5.20

## 3M™ SCOTCHMATE™ HOOK-AND-LOOP RECLOSABLE FASTENER SJ3401/SJ3402



Its as simple as pressing together and pulling apart. When your product calls for thousands of easy openings and closings, 3M™ Scotchmate™ Reclosable Fasteners pull through for you. Tiny, stiff hooks mesh with pliable loops for quick secure fastening. In addition, Scotchmate reclosable fasteners are backed with 3M adhesive technology expertise which range from rubber adhesives to high performance, double-coated foam tape which can be adhered to most surfaces to provide a solution as strong as you need. No adhesive, nylon and sewable hook so can be easily attached to many substrates

Size	ID	Part No.	Price
2"x50yds	SJ3402	09-31400	\$2.52
2"x50yds	SJ3401	09-22223	\$2.52

## 3M™ SAFETY WALK SHEET



A durable, mineral coated, non-slip fabric for wing walks. Waterproof, weatherproof and unaffected by vibrations, heat, cold, gasoline or oil. Assures safe footing. Pressure-sensitive backing should have additional coating of Pliobond to assure adhesion for aircraft applications.

### COMFORMABLE TREADS

Size	ID	Part No.	Price
2"	510	09-01485	\$92.00
4"	510	09-01486	\$92.00

### GENERAL PURPOSE

Size	ID	Part No.	Price
24"	-	09-22223	\$7.40
2"	610	09-01482	\$71.25
4"	610	09-01483	\$71.25
12"	610	09-32250	\$3.70
6"	-	09-31665	\$1.90

## 3M™ PARTICULATE RESPIRATOR 8210, N95



Helps provide worker protection against certain non-oil based particles. Comfortable, easy to use, and promotes greater worker acceptance increasing wear time. Features 3M's patented filter media, nose foam, and adjustable noseclip that helps provide a secure seal and helps reduce eyewear fogging. Workplace applications: woodworking, grinding, sanding, sweeping, bagging, other dusty operations..

Qty	Desc	Part No.	Price
160	8210	09-01496	\$0.79
80	8511	09-01497	\$1.65

## 3M™ PROFESSIONAL SERIES RESPIRATOR ASSEMBLY



3M recommended for exposures to organic vapors and mists commonly associated with spray painting, lawn and garden pesticides, staining or refinishing decks and many other workplace/occupational applications.

Size	Desc	Part No.	Price
small	R7511ES	09-01489	\$34.50
medium	R7512ES	09-01490	\$34.50
large	R7513ES	09-01491	\$34.50

## 3M™ GLASS CLOTH TAPE 361

7.5 mil (0.14 mm) thick, glass cloth tape with silicone adhesive. Used for many applications requiring high temperature resistance, high adhesion, and a very strong, abrasion resistant backing such as masking protection in thermal spray operations.



Size	Desc	Part No.	Price
1"	361	09-01333	\$49.70
2"	361	09-01341	\$99.50
3/4"	361	09-01332	\$39.80

## SCOTCH® HIGH PERFORMANCE MASKING TAPE 232



A high performance paper masking tape to be used in the medium temperature paint bake operation. A smooth crepe paper tape that is treated with a heat and solvent resistant coating.

Size	Desc	Part No.	Price
12MM	232	09-01328	\$2.90
18MM	232	09-01329	\$4.00
24MM	232	09-01330	\$4.80
48MM	232	09-01340	\$9.60
72MM	232	09-01331	\$14.30

## SCOTCH® MULTI-MOBILE MASKER



Designed to cut masking time. Two to three roll capacity when used with conversion kit, part number 06782. Note: Paper is not included with the masker.

Size	Desc	Part No.	Price
18"	6869	09-01357	\$489.95

## SCOTCH® STEEL GRAY MASKING PAPER



Strong, flexible and pliable. Formulated to resist penetrations of solvents, lacquers or enamels. Comes in 1000 rolls.

Size	Color	Part No.	Price
12"	Gray	09-01353	\$37.80
18"	Gray	09-01354	\$56.75
24"	Gray	09-01355	\$73.50
36"	Gray	09-01356	\$113.95

## SCOTCH® FINE LINE TAPE 218



This 3M tape is particularly suitable for pin stripping, multicolor and other custom painting applications. It is a thin, conformable green polypropylene film tape with a special finish that resists paint runoff. The adhesive adheres instantly and offers good holding power, resists lifting and curling. Stretchable and easy to handle. Provides an extremely fine color-line separation for decorative painting of aircraft. Scotch No. 218.

Size	Desc	Part No.	Price
1/8"	218	09-20200	\$12.20
1/4"	218	09-20300	\$5.60
3/8"	218	09-20350	\$7.90
1/2"	218	09-20400	\$6.70
3/4"	218	09-20500	\$9.00

## SCOTCH® ADHESIVE TRANSFER TAPE 950



Attaches gaskets and foams, bonds fabric to window blinds and office panels. This tape can be used to attach vinyl or rubber gaskets and seal pipe insulation. Excellent adhesion to most plastics and has a high tack

Size	Desc	Part No.	Price
1"	950	09-01349	\$17.90
2"	950	09-01350	\$35.80

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# 3M TAPES

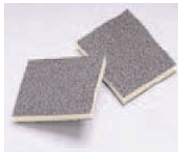
## 3M™ ALUMINUM FOIL TAPE 425



Dead-soft aluminum foil tape. Applications include masking of sensitive components to protect from damage during aircraft paint stripping. In white goods appliances, tape provides an excellent moisture barrier, helps reflect and dissipate heat.

Size	Desc	Part No.	Price
1.5"	425	09-01382	\$25.20
1"	425	09-01381	\$16.80
.5"	425	09-01384	\$10.90
2"	425	09-01383	\$33.60
3"	425	09-01385	\$50.50
3/4"	425	09-01386	\$13.50

## 3M™ FLEXIBLE SANDING PAD



Use for either dry or wet sanding. Rinse and reuse. Ideal for sanding wood, paint, metal, plastic and drywall. Conformable, comfortable, flexible and convenient. Available in fine or medium grade with abrasive on two sides.

Size	Desc	Part No.	Price
4-3/4"x3-3/4"x1/2"	FIN	09-01419	\$1.14
4-3/4"x3-3/4"x1/2"	MED	09-01418	\$1.22

## 3M™ HAND MASKER KIT



Tape guide pin molded into the M3000 KML frame. Guide pin aids tracking of the masking tape onto masking paper while dispensing. Tack-Down Tape Dispenser (PN06789) allows easy on-off mounting. Provides fingertip access to an extra roll of masking tape. Includes 12 cut off blade. Making film is not included with dispenser.

Desc	Part No.	Price
M3000KML	09-01442	\$51.25

## SCOTCH® SAFERLEASE™ BLUE PAINTERS MASKING TAPE 2090



Ideal for long-term masking projects when tape must be left on for up to a week. Removes cleanly and easily for up to seven days without leaving adhesive residue.

Size	Desc	Part No.	Price
3/4"	2090	09-01420	\$2.80
1"	2090	09-01421	\$3.75
1.5"	2090	09-01422	\$5.30
2"	2090	09-01423	\$7.00

## 3M™ EAR MUFF 1440



Lightweight. Padded headband. Tension adjustment. Contoured ear cushion in multi-position ear cup gives enhanced fit. Replaceable cushions and molded noise suppression inserts. Noise Reduction Rating: 24dB\*.

Rating	Desc	Part No.	Price
24dB	1440	09-01495	\$21.30

## 3M™ EAR MUFFS 1435



General purpose ear muffs. Wide, forked headband and multi-position large ear cup create a comfortable, secure fit. Economical, lightweight design. Replaceable, soft sealing cushions. Noise Reduction Rating: 23dB\*.

Rating	Desc	Part No.	Price
23dB	1435	09-01494	\$12.30

## 3M™ EAR MUFFS 1435



Smooth dirt resistant surface, tapered design to fit the ear canal, provide added comfort and hygiene. Hypo-allergenic material. Each box contains 200 pairs, and each package is easy to dispense. Noise Reduction Rating: 29dB\*.

Rating	Desc	Part No.	Price
29dB	1100	09-01493	\$0.09

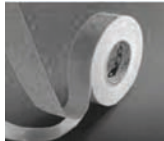
## 3M™ REUSABLE EAR PLUG



Multi-flanged plugs stay securely in ear canal. Soft, cloth cord lays flat. Model 1271 includes storage case to keep plugs clean and protected. Plugs are washable and reusable. Bright orange color for visibility. Noise Reduction Rating: 24dB\*.

Rating	Desc	Part No.	Price
24dB	1271	09-01492	\$0.09

## 3M™ VHB™ TAPE 4920



15.0 mil, white closed cell acrylic foam carrier with film liner and all purpose adhesive. High strength, handling convenience, cushioning, damping and impact resistance. UL listing 746C.

Size	Color	Part No.	Price
1"x72yds	White	09-01397	\$0.09

## 3M™ VHB™ TAPE 4950



45.0 mil thick, white closed cell acrylic foam carrier with all purpose acrylic adhesive and paper liner. High strength, handling convenience, cushioning, damping and impact resistance. UL listing 746C.

Size	Color	Part No.	Price
1"x36yds	White	09-01380	\$0.09
2"x36yds	White	09-01389	\$0.09

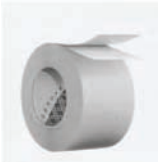
## 3M™ VHB™ TAPE 4930



25.0 mil thick, white closed cell acrylic foam carrier with printed paper liner and an acrylic adhesive. High strength, handling convenience, cushioning, damping and impact resistance. UL listing 746C.

Size	Color	Part No.	Price
1"x72yds	White	09-01359	\$0.09

## 3M DOUBLE COATED FILM TAPE 415



A medium-firm, acrylic, pressure sensitive adhesive that featuring an excellent balance of good initial adhesion (quick stick) and good shear holding power. It is ideal for bonding together a wide variety and dissimilar materials such as metals, glass, wood, paints, and many plastics.

Size	Color	Part No.	Price
3/4"x36yds	White	09-01339	\$0.09
2"x36yds	White	09-01343	\$0.09



# INTERIORS — PAINT SPRAY SYSTEMS

## FOAM CUSHIONING

Foam Cushioning is a dense\* open cell foam that can be used for glare shield padding, side panel padding, seat cushioning and for soundproofing. Meets FAR 25.853 burn requirements. Width is 48" and is sold by the linear yard. Available in 1/8", 1/4" and 3/8" thickness. \*Density (pcf)+/- .5 pcf=5

- 1/8" Foam cushioning .....P/N 11-02062 .....**\$40.50/yd**
- 1/4" Foam cushioning .....11-02063.....**\$43.90/yd**
- 3/8" Foam cushioning .....11-02064.....**\$59.50/yd**

Sample Kit (Includes sample of foam and leather vinyl)

## ABS PLASTIC SHEETS

ABS thermoplastic fire-rated sheet material can be used as a base material for making of glare shields and side panel backing. Easily cut, drill, saw, and grind this ABS sheeting. The plastic sheets have an excellent ductility and formability. Meets FAR 25.853 burn requirements. Smooth flat surface on one side and a matte finish on the other side. Color: Black. Sheet size is .063" x 23.5" x 54'.

## LEATHER-LIKE VINYL UPHOLSTERY MATERIAL

Leather-Like Vinyl has the ultra-soft leather feel without the leather cost. It can be used for seats, wall panels and headliners. Meets FAR 23.853(a) flammability requirements. It provides superior wear resistance (100,000 cycles), abrasion resistance and excellent tailorability. Width is 54" and weight is 27 oz. per linear yard. Available in camel, gray and black. Pricing is per linear yard. Sample provides a small piece of each. Burn certificates are available upon request.

- Gray.....P/N 11-02056 .....**\$48.60/yd.**
- Black .....P/N 11-02057 .....**\$50.25/yd.**
- Camel .....P/N 11-02059 .....**\$48.60/yd.**

Sample Kit includes small piece of each

- Sample Kit .....P/N 11-02061 .....**\$1.99/yd.**

## MOLECU-BOND

MolecuBond restore or changes the color of leather, vinyl, ABS plastic, PVC, polycarbonate, acrylic, fiberglass, lexan and thermal plastic urethane permanently. It is dry to the touch in 45 seconds and fully bonded in 10 minutes. It will not crack, flake or peel & gives complete grain simulation. You can change color over and over and never obscure the grain or affect the 'hand'. It is also be used for repair of instrument panels, door panels and seats in all of the assemble plants. Molecu-Bond is excellent for restoration of aircraft seats, side panels, glare shields, and other items. 6oz. aerosol can.



Color	Part No.	Price	Color	Part No.	Price
Black #106	13-01495	\$10.95	Gray #107	13-01498	\$10.95
Eggshellwht	13-01496	\$10.95	White #105	13-01499	\$10.95
Prairie Tan	13-01497	\$10.95			

Molecubond color chart ..... P/N 09-00327 .....**\$4.00**

## GRACO HVLP SPRAY SYSTEMS

Virtually eliminates mist. Requires less maintenance. Blows less heat up the stack. Uses up to 50% less material. Delivers better pattern control. Reduces overspray up to 90% Eliminates high-pressure "flop" and tiger stripes.

### GRACO HVLP AIR SPRAY SYSTEMS GTS-2500 HVLP SPRAYER



This lightweight, portable sprayer features the GTS-960 Bleeder Style Gun and offers outstanding performance in its equipment class. Easily spray stains, lacquers, oils, enamels and urethanes.

- Turbine Stages – 2
- Cup – 1 qt (1 liter)
- Weight: Complete – 32 lb
- Turbine Air Working Pressure – 5 psi (.345 bar, 34.5 kPa) max.
- Turbine Air Outlet Flow Rate – 58 cfm (1642 lpm) max.
- Gun – GTS-960 Bleeder Style with Fluid Set #3
- Standard Turbine Air Hose Length–Standard units incl. 20 ft (6 m). Use 40 ft (12 m) max.
- Electrical Rating – 7A at 120 VAC
- Power Cord – No. 16 AWG, 3 wire, 6 ft (1.8 m)
- Shipping 18 in. x 15-1/2 in. x 16 in.

\*The GTS-2500 is not designed for use with non-bleeder guns.

P/N 12-15710 .....**\$581.00**

### GTS-3800 HVLP SPRAYER



The GTS-3800 is highly productive for nearly all fine finish applications. Easily spray stains, lacquers, oils, enamels, urethanes and automotive finishes. Plus, it atomizes many water-based latex and acrylic coatings, multi-color and other higher viscosity coatings.

- Turbine Stages – 3
- Turbine Air Working Pressure – 6 psi (.414 bar, 41.4 kPa) max.
- Turbine Air Outlet Flow Rate – 80 cfm (2265 lpm) max.
- Gun – GTS-980 Non-Bleeder Style with Fluid Set #3
- Cup – 1 qt (1 liter)
- High-Flex Turbine Air Hose Length – Standard units incl. 30 ft (9 m). Use 60 ft (18 M ) max.
- Power Cord – No. 16 AWG, 3 wire, 6 ft (1.8 m)
- Electrical Rating – 12A at 120 VAC
- Weight: Complete – 34 lb
- Dimensions: 18 in. x 15-1/2 in. x 16 in.

P/N 12-15780 .....**\$816.00**

### GTS-4900 HVLP SPRAYER



Our most powerful and versatile sprayer offers everything you need on the job for high productivity. This unit is loaded with features and can spray the broadest range of materials.

- Turbine Stages – 4
- Weight: Complete – 39 lb
- Turbine Air Working Pressure – 8 psi (.552 bar, 55.2 kPa) max.
- Turbine Air Outlet Flow Rate – 82 cfm (2321 lpm) max.
- Gun – GTS-980 Non-Bleeder Style with Fluid Set #3, #4 and #5
- Cup – 1 qt (1 liter)
- High-Flex Turbine Air Hose w/Quick disconnects – Standard units include 30 ft (9 m). Use 60 ft (18 M ) max.
- Power Cord – No. 12 AWG, 3 wire, 15 ft (4.6 m)
- Electrical Rating – 14A at 120 VAC
- Dimensions: 18 in. x 15-1/2 in. x 16 in.

P/N 12-15950 .....**\$1,148.00**

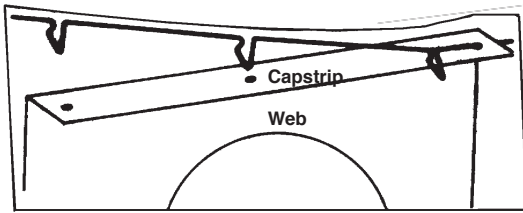
## GRACO ACCESSORIES

DESCRIPTION	P/N	PRICE
HVLP 1 Qt. Cup & Pot Assy.	12-12990	<b>\$92.50</b>
2mm Needle/Nozzle (dopes)	12-15750	<b>\$81.50</b>
2.8mm Needle/Nozzle	12-15760	<b>\$75.00</b>
30 ft. Replacement Hose	12-00016	<b>\$60.00</b>
Superflex Hose 54"	12-74660	<b>\$21.20</b>

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# NEEDLES – GROMMETS – PLATES

## MARTIN FABRIC CLIPS



Used to secure fabric to metal ribs in wings and control surfaces. Replaces rib-stitch cord or P-K screws. Provides a more secure and streamlined installation. Drastically reduces covering time. FAA-approved for aircraft listed. Easily adapts to homebuilts with metal ribs. Spacing between clips, 3". Spacing may be reduced to 1-1/2" on high-performance aircraft by using 2 wires, with clips inserted in alternate holes that are spaced 1-1/2" apart. Fabricated from stainless steel wire. Supplied in 25-ft. continuous coils.

25-Ft. Coil .....P/N 09-19400 .....\$11.80

### Installation Kits

Aircraft Model	STC No.	Part No.	Feet Req'd.
Aeronca-Champion	SA150S0	09-19500	225
Piper – All Models	SA126S0	09-19600	175-250
Stinson	SA615S0	09-19700	175
Taylorcraft	Original Equipment	09-19800	225

All install kits \$29.90. No clips are included. Order separately.  
\*If clips are used to secure fabric on controls, add 50 ft.

**CESSNA-TYPE FABRIC CLIPS**  
Individual spring steel clips used to attach fabric to metal ribs. Eliminates rib stitching.  
5% Discount on purchase of 100 P/N 09-19900 .....\$0.54

**TAC RAGS**  
Tac Rags pick up dust like a magnet. Use Tac Rags in final cleaning or dusting of surface before applying enamel, lacquer or synthetic paints. Wipe surface gently to remove all dust, lint and fine sand particles from metal, wood or plastic surfaces. Tac Rags are anti-static, epoxy compatible, and remain soft and tacky indefinitely. Individually packaged. Size: 18" x 36".  
P/N 09-20000 .....\$0.85 ea. ....\$9.18/Dzn

**FINE-LINE PAINT TAPE**  
This 3M tape is particularly suitable for pin striping, multicolor and other custom painting applications. It is a thin, conformable green polypropylene film tape with a special finish that resists paint runoff. The adhesive adheres instantly and offers good holding power, resists lifting and curling. Stretchable and easy to handle. Provides an extremely fine color-line separation for decorative painting of aircraft. Scotch No. 218.  
1/8" x 60 Yds. ....P/N 09-20200 .....\$12.20  
1/4" x 60 Yds. ....P/N 09-20300 .....\$5.60  
3/8" x 60 Yds. ....P/N 09-20350 .....\$7.90  
1/2" x 60 Yds. ....P/N 09-20400 .....\$6.70  
3/4" x 60 Yds. ....P/N 09-20500 .....\$9.00  
Less 10% on 6 Rolls (Assorted) • Less 15% on 12 Rolls (Assorted)

**WOOD BRUSHES**  
Natural, undyed bristle with smooth, unpainted wood or polyethylene handles. Unaffected by paint, dopes, thinners or solvents.

Brush Width	Part Number	Price Each	Brush Width	Part Number	Price Each
1/2"	09-21100	\$0.29	2-1/2"	09-38825	\$0.77
1"	09-21200	\$0.47	3"	09-38803	\$1.18
2"	09-21300	\$0.68	4"	09-38804	\$2.05

Discount: Less 10% on 50, 15% on 100 (per size)

**ACID OR GLUE BRUSHES**  
Horse hair with metal handle.  
#1- 3/8" Wide...P/N 09-21400 .....\$0.29 ea. ..\$3.65/dz.  
#2- 1/2" Wide...P/N 09-21500 .....\$0.35 ea. ..\$3.65/dz.

**RIB LACING & SEWING NEEDLES**  
3" .....Curved .....Needle 3C .....P/N 09-18705 ..\$0.93/ea  
6" .....Curved .....Needle 6C .....P/N 09-18710 ..\$1.58/ea  
12" .....Curved Tip .....Needle 12C .....P/N 09-18720 ..\$16.50/ea  
12" .....Straight .....Needle 12 .....P/N 09-18725 ..\$2.80/ea  
18" .....Curved Tip .....Needle 18C .....P/N 09-18730 ..\$17.00/ea  
Needle Assortment includes 1 each of the following: 3" curved, 6" curved, 12" curved, 12" straight, 18" straight. P/N 09-18735 ..\$25.71

**RIB STITCH NEEDLES**  
Made from the highest quality steel. Heat treated, nickel plated.  
2-1/4" Curved .....18 Gauge .....P/N 09-18300 ..\$0.83/ea  
4" .....Straight .....15 Gauge .....P/N 09-18400 ..\$1.12/ea  
10" .....Straight .....13 Gauge .....P/N 09-18500 ..\$2.40/ea  
14" .....Straight .....13 Gauge .....P/N 09-18600 ..\$3.10/ea  
18" .....Straight .....12 Gauge .....P/N 09-18700 ..\$3.90/ea

**"T" HEAD PINS**  
Used to hold fabric in place temporarily in covering operation.

**SCREWS**  
Used on some aircraft models to attach fabric to metal wing ribs and empennage ribs instead of rib lacing. Truss-head, type "A" self-tapping sheet metal screws. Size #4 x 1/4".  
Stainless Steel, Phillips Head ....P/N T4X4 .....\$0.03/ea  
Stainless Steel Type A, Phillips ..P/N 4RX1/2SS ..\$0.03/ea  
Stainless Steel Type A, Phillips ..P/N T4X6 .....\$0.04/ea

**AD-41H CLOSED-END BLIND POP RIVET**  
1/8" diameter. Used to seal tubing vent holes. P/N 04-01496 ..\$0.11/ea

**BLIND RIVETS**  
Use these 1/8" dia. "Pop" rivets to attach fabric to the ribs on Champion/Bellanca aircraft. 100 Rivets.....P/N 09-18900 .....\$18.80

**WASHERS**  
Aluminum washers may be use in place of original plastic washers under screws and pop rivets to attach fabric to metal wing or empennage ribs.  
Plastic, 1/8" I.D. x 1/2" OD .....P/N 09-19000 .....\$5.85  
Aluminum, 0.128" ID x 1/2" OD x 0.016" ..P/N 09-19100 .....\$7.30

**DRAIN GROMMETS**  
Manufactured from virgin cellulose acetate butyrate resin.

Grommet Type	Part No.	O.D.	I.D.	Price each	Grommet Type	Part No.	O.D.	I.D.	Price each
Flat	AN231-1	1-1/4"	3/8"	\$0.36	Seaplane*	AN231-4	1-1/8"	—	\$0.10
Flat	AN231-2	3/4"	5/16"	\$0.16	Aluminum	09-19110	3/4"	1/4"	--

\*Depressed center — LESS 15% ON QTY. OF 100 (per Part No.)

**INSPECTION RINGS**  
Plastic rings, 4-5/8" O.D. x 3-1/2" I.D. x .050" thick, molded from virgin cellulose acetate butyrate resin. To be cemented to fabric as inspection plate retainer. 20% Discount on 100 or more. P/N 09-19200 ..\$0.85 ea

**INSPECTION RING PATCHES**  
Glued over inspection rings to prevent accidental removal. P/N 09-18750 ..\$0.39 ea

**INSPECTION PLATES**  
**DOMED** - Concave aluminum snap-type plate has single clip riveted across full diameter. Snaps to the ring at 2 contact points. Plate is 4.75" dia. ..P/N 09-19300 .....\$1.93ea  
\$164.05/100

**RECESSED** - Recessed center and flanged-edge design will not creep off center due to vibration in propwash areas. 4-3/4" dia. x .020 aluminum. Will not twist or vibrate. P/N 09-18740 ..\$2.60 ea

**DOLLAR PATCHES**  
Predoped Grade A fabric patches for quick repairs on Grade A & Dacron covering. Smooth edge, 2.5" dia. Also available in Dacron which are more durable & less noticeable on aircraft exterior. Less 10% For 12 or More.  
Grade A cotton patches .....P/N 09-17700 .....\$0.44/ea  
Dacron Dollar Patches .....P/N 09-17705 ..\$0.47/ea



# PAINTING ACCESSORIES – AIRCRAFT REPAIR KITS



## PREVAL SPRAY GUN

Sprays paints, primers, gel coats, lubricating oils, cleaners, zinc chromate, etc. Perfect color matches in minutes. No wires, no hoses-portable and disposable. Sprays up to 16 ounces of any liquid thinned to the same consistency as for heavy spray equipment.

- #267 Complete Set .....P/N PV267 .....\$6.20
- #268 Power Unit .....P/N PV268 .....\$4.95
- #269 Product Container .....P/N PV269 .....\$1.25



## PAINT SAVER LIDS

Saves money, paint and clean-up time. Snaps onto top of can and pulls off quickly. Prevents drips down side of can and paint from getting in grooves of can. Made of rigid, long-lasting, recyclable plastic. Reusable. P/N 09-01754 .....\$1.95



## POUR-IT REUSABLE PAINT LID

The only reusable paint can lid that seals to the inside of all one gallon cans. This keeps the paint out of the lid channel for a perfect re-seal. It keeps all contaminants out of your paint. As it was designed for accurate pouring, it also has a quality screw cap on the pour spout for easier access to trim paints, primers & sealers that are used often, in smaller quantities. Pourit eliminates hazardous paint spill, saves clean-up time and reduces material waste. It is washable and reusable. This product should be used anytime you open a round one gallon can. P/N 09-01756 .....\$2.35



## JR. POUR-IT REUSABLE PAINT LID

Quality screw cap for easy access and is large enough for a 2" brush. It grabs the outside of the quart can so it will seal to the inside rim. Jr. Pourit converts any quart can into a jar for maximum material usage. It is washable and reusable. This product should be used anytime you open a one quart can. P/N 09-01757 .....\$1.95



## STOREIT PAINT SAVING DISC

The only paint saving disc that floats on top of any left over paint in a one gallon can. Storeit will eliminate the skinning and spoiling of paints in storage for reuse at a later date. It will contain VOC's in open containers. It will also eliminate all of your consumer waste disposal expenses associated with these problems. Storeit should be used anytime a paint is prone to skinning or any paint is put into storage for a long period of time. It is washable and reusable. Storeit is patented in the U.S. with other patents applied for. P/N 09-01758 .....\$1.75



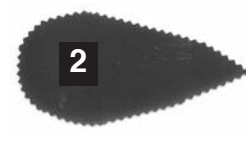
## SPATCHIT PAINT SPATULA

Designed to remove all of the remaining paint from your one or five gallon container. Used as a spatula, it will eliminate the need for 'ragging clean' the cans before recycling or disposal. It will eliminate your paint waste allowing you to transfer the last bit of paint into a smaller container for later use. This product should be used any time you are emptying a paint can. It is washable and reusable Spatchit has patents pending in the U.S. P/N 09-01759 .....\$1.65



## AERODYNAMIC DENT FILLER

An easy-to-use two-tube system of aluminum filled resin & curing agent. Aluminum dent filler may be used wherever shallow dents occur. Gel time is 10-15 minutes at 70°F. Repair cures to 80% strength in 90 minutes. Used extensively by the airlines and applicable to general aviation repairs. 180g Kit .....P/N 80000-328 .....\$32.60



## PIPER INSPECTION FRAMES

- Front & Rear Strut Opening Reinforcements - Set of 4 P/N 09-00334.....\$5.60
- Naugahyde Cable Seal Kit - 2 slotted fuselage and 2 aileron punched cable seals .....Set of 4 ..P/N 09-00335.....\$6.35
- Front Trim Yoke Inspection Frame .....Set of 2 ..P/N 09-00336.....\$5.10
- Underwing Inspection Ring Grommet ..Set of 2 ..P/N 09-00337.....\$5.30
- Tear Drop Reinforcement .....Set of 2 ..P/N 09-00338.....\$7.20

## POLYESTER FLANNEL

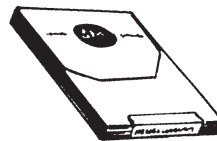
45" width. For leading edge. ....P/N 09-01750 .....\$6.55/yd

## SCOTCH ABRASIVE PADS

#7448 Fine Fiber Sponge. ....P/N 09-01753 .....\$0.85/ea

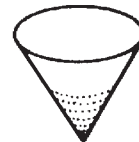
## SANDPAPER 3M

Wet or dry Tri-M-Ite (3M) is a silicon carbide abrasive paper made especially for producing satin-smooth finishes on metal and other doped, lacquered or enameled surfaces. Wet or dry performs best when used with water or oil, but can also be used dry. Sheet size 9"x 11". Available in 220-A, 280-A, 320-A or 400-A grit. (Type A paper has an especially light, flexible backing).



Sandpaper Grit Size	Part No.	Price Per Sheet
120-A	09-20550	\$0.74
220-A	09-20600	\$0.70
280-A	09-20700	\$0.65
320-A	09-20800	\$0.65
400-A	09-20900	\$0.65

## PAINT STRAINERS



Cone type strainer. Medium mesh (48x36), for filtering all pigmented finishes. P/N 09-22200.....\$0.15/ea. ....\$8.50 /100



## PAINT FILTER MASKS (3M)

Effective paper throw-away masks. Give excellent filtration for nontoxic dusts, powders and spray particles. 3M No. 8500 .....P/N 09-00522 ..\$0.34 ea

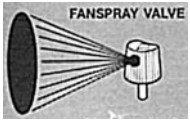
## PAINT STIRRING PADDLE

P/N 09-22205 .....\$0.14

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# TEMPO FINISHES



**AIRCRAFT SPRAY COATINGS**  
 All Tempo spray products feature the exclusive adjustable Fanspray valve which offers a professional spray pattern so anyone can "paint like a pro". The extra-width pattern evenly coats about 3 times the area with each pass compared with an ordinary spray valve. Packaged in 11 oz. to 16 oz. cans, depending on product.

**Discount: 10% on 6 cans, 15% on 12 cans, 25% on 24 cans. (May be assorted.)**

## ULTRA-HIGH TEMPERATURE PAINTS

Exceptional durability up to 1200°F. Will not burn off, chip or peel when properly applied. No primer required. Ideal for exhaust stacks. Ultra-High Temperature paints air-dry in minutes but require curing at temperatures over 650°F.

- White #13-1
  - Black #13-2
  - Racing Silver #13-8
- \$5.95**

## TEMPO MAINTENANCE & SPECIALTY PRODUCTS

**Fluorescent Paint (Red/Orange)** — Up to 4 times brighter than other colors. Ideal for aircraft, boat - wherever visibility is vital. For best results, use over light colored base.

#18-1301 .....**\$7.20/ea.**

**Chrome Paint** — restores new chrome appearance to chromed surfaces.

#20-199 .....**\$5.60/ea.**

**Scratch Filler Primer** — Ideal for filling nicks, scratches, and minor surface imperfections. They dry fast, are sandable, and provide a smooth uniform surface for top coats.

#7-3500 - Red Oxide .....**\$5.20/ea.**  
 #7-4500 - Platinum Gray .....**\$5.70/ea.**



## CAN-GUN

Can-Gun is an aerosol spray can trigger handle which makes painting, cleaning, and lubricating jobs safer and easier. The user-friendly form-fit handle and trigger eliminates finger fatigue and provides the user with accurate control over the amount, speed, and direction of

spray. The built-in safety shield insures no more messy hands or fingers. Sprays virtually all spray paints, lacquers, polishes, cleaners, lubricants, sealers, and adhesives and Can-Gun fits most spray cans.

P/N 09-14760 .....**\$2.65 ea.**

## MAGNESIUM TREATMENT KIT

The Magnesium Treatment Kit contains products formulated for treating magnesium alloys to produce a chromate conversion coating conforming to SAE AMS-M-3171, Type VI. The application method conforms to requirements in NAVAIR 01-1A-509 and is meant primarily for touch-up, pre-paint surface preparation, and corrosion repair processes of magnesium alloys.

**The complete process for treating magnesium alloys with the Magnesium Treatment Kit normally consists of the following steps:**

- A. Cleaning
- B. Water Rinsing
- C. Treating w/Magnesium Treatment
- D. Water Rinsing
- E. Drying

**The materials contained in the Magnesium Treatment Kit are:**

- (1) 8 oz. bottle of Magnesium Treatment
- (2) beakers, polyethylene, 250ml
- (1) 16 oz. spray bottle (empty) for water rinsing
- (2) Acid brushes, disposable

**Equipment:**

Goggles, brush, rubberized gauntlets, and clean wiping cloths.  
 P/N 09-01053 .....**\$99.50 ea.**



## AIRCRAFT ENAMEL

*Excellent adhesion to aluminum and steel*

Tempo's Aircraft Enamel has been especially formulated to adhere to aluminum and steel; providing excellent corrosion resistance. Recommended applications are all interior and exterior aluminum and steel surfaces, including wheels, landing gear and inside door hatches. For propeller blades, we recommend Epoxy Propeller Coating.

Neutral Gray Enamel Primer #750 .....**\$5.20/ea.**

- |                             |               |                            |               |
|-----------------------------|---------------|----------------------------|---------------|
| A1100 ....Black .....       | <b>\$7.50</b> | A1102 ....Flat Black.....  | <b>\$5.95</b> |
| A1109 ....Gloss White ..... | <b>\$7.50</b> | A1107 ....Flat White ..... | <b>\$6.30</b> |
| A1105 ....Medium Gray.....  | <b>\$5.95</b> | A1140 ....Aluminum.....    | <b>\$6.30</b> |

## AIRCRAFT ENGINE ENAMEL

*Resists heat to 500°F*

Tempo's Aircraft Engine enamel withstands the high heat demands of aircraft engines. This modified chain-stop alkyd enamel formula has excellent corrosion and fuel resistance.

- |                               |               |                             |               |
|-------------------------------|---------------|-----------------------------|---------------|
| A-207 ....Aluminum .....      | <b>\$5.95</b> | 821 .....Iron Black.....    | <b>\$5.60</b> |
| 219 .....Lyc. Gray .....      | <b>\$7.10</b> | 817 .....Black Wrinkle .... | <b>\$6.95</b> |
| 239 .....Olds Cont.Gold ..... | <b>\$7.10</b> | 1770 .....Univ. Black ..... | <b>\$5.30</b> |
| A241 ....Gloss Black .....    | <b>\$7.10</b> |                             |               |

## AIRCRAFT LACQUER

*Dries in under 15 minutes*

Tempo's Aircraft Lacquer is ideal when a very fast dry is required. This blended nitrocellulose lacquer formula can be applied to all interior and exterior aluminum and steel surfaces, including wheels, landing gear and inside door hatches. When additional corrosion protection is required, we recommend Tempo Aircraft Enamel.

- |                   |                  |               |
|-------------------|------------------|---------------|
| Clear .....       | P/N 809 .....    | <b>\$5.90</b> |
| Flat Black .....  | P/N 810 .....    | <b>\$5.40</b> |
| White .....       | P/N 9-180 .....  | <b>\$5.60</b> |
| Blk Acrylic ..... | P/N S9-177 ..... | <b>\$5.90</b> |



## ZINC CHROMATE & ZINC OXIDE PRIMERS

Maximum adhesion to bare aluminum and steel Tempo's Zinc Chromate and Zinc Oxide Primers are recommended for priming bare metal. These primers provide maximum bonding to bare aluminum and steel. Tempo's Zinc Chromate has been the workhorse in the aviation industry for many years, while Zinc Oxide has been recently introduced to provide a "safer, healthier" alternative to Zinc Chromate with equal performance.

- Aircraft Primers — Zinc Chromate**
- 7-6889 Yellow
  - 7-6889A Green
- \$7.90/ea.**
- Aircraft Primers — Zinc Oxide**
- A-801 Yellow
  - 7-9100 Green
- \$9.00/ea.**



## EPOXY PROPELLER COATING

Extends blade life. Tempo's Epoxy Propeller Coating is formulated with the extra adhesion and abrasion resistance needed to protect propellers from corrosion and wear. Compared to standard enamel and lacquer paints, our epoxy formula stays on the blade more flying hours; hence, with regular use, this formula can extend blade life.

- |                                   |                    |               |
|-----------------------------------|--------------------|---------------|
| Flat Black .....                  | P/N 09-00982 ..... | <b>\$7.80</b> |
| Med. Gray .....                   | P/N 09-00983 ..... | <b>\$6.95</b> |
| <i>(Matches Hartzell OE Gray)</i> |                    |               |
| White .....                       | P/N 09-00992 ..... | <b>\$7.40</b> |



# METAL CLEANERS — PRIMERS

## PREKOTE SURFACE PRETREATMENT



PreKote® Surface Pretreatment from Pantheon Chemical, is a non-chromated surface pretreatment utilizing a safe, hazard-free technology that is flying on over 1,500 United States Air Force aircraft. PreKote® offers superior adhesion, improved paint flexibility, and advanced corrosion protection on painted surfaces, relative to traditional chromate and conversion pretreatments (such as alodine). PreKote® has passed stringent testing by the U.S. Department of Defense, the Boeing Company and other coating industry leaders. By eliminating the need for chromated conversion coatings (such as alodine), acid etches, solvent washes and other toxic processes, PreKote® can reduce paint preparation time and costs by up to 40%. PreKote® can be used on a wide range of surfaces including aluminum, steel, magnesium, titanium, CRES, galvanized surfaces, composite and plastic surfaces. Consistent, high performance results are achieved with a variety of paints and primers. PreKote® is non-toxic, non-corrosive, non-flammable, CFC free, ODS free, odor free, and readily biodegradable upon disposal. **FEATURES:** • Easy & safe process • Quantified superior results • Immediate cost reductions • Reduces hazardous waste • Decreases material, labor, and hazardous handling costs • Results in a high-performing surface finishes • No short and long term health risks.

Quart .....P/N 09-00825 .....\$21.85      Gallon .....P/N 09-00826 .....\$46.95  
 5 Gallon ..P/N 09-00827 .....\$21.85      55 Gallon ..P/N 09-00828 ..\$1,854.00  
 Prekote Large area repair kit.....P/N 09-00829 .....\$88.60



## ALUMINUM PREPAINT PRODUCTS

**ALUMIPREP USED FIRST MAKES THE PAINT FINISH LAST!**



Use on unpainted aluminum aircraft, truck trailers, house trailers, boats, garage doors, outdoor furniture, etc.

**ALUMIPREP NO. 33** – Use to clean, brighten and transform badly corroded aluminum to its natural appearance. Covers 400 sq.ft. per quart.

Qt. ....P/N 33-QT.....\$15.80  
 Gal. ....P/N 33-1G.....\$29.90



**ALODINE NO. 1001** – An invisible coat to provide in-depth corrosion proofing to the brightened aluminum surface and act as a firm barrier against the elements and continued corrosion. Covers 250 sq.ft. per quart.

Qt. ....P/N 1001-QT.....\$14.95  
 Gal. ....P/N 1001-1G.....\$29.95



**IMPROVED METAL PREP NO. 79** – A brush-on, wipe-off aluminum cleaner and paint preparer in one powerful, easy-to-apply formulation. It etches the metal, neutralizes hand marks, is smutless on alloy surfaces, removes oil and grease and will not burn. It provides a firm and lasting adhesion between aluminum alloys and paint. Dilute with 2 or 3 parts of water. Improved in early 1985, Metal Prep No. 79 is now even more active on the metal surface and offers superior performance. Covers 400 sq.ft. per qt.

Qt. ....P/N 79-QT.....\$15.95  
 Gal. ....P/N 79-1G.....\$29.90

**ALODINE NO. 1201** – After precleaning with Alumiprep 33 or Metal Prep 79, rinse with water. Apply Alodine without dilution by brushing or swabbing with sponge. Rinse with water and surface is ready for paint. This is a visible coating which leaves the surface with a golden coloration. The alodized surface provides protection against weather and firmly bonds paint. One quart treats about 200 sq. ft.

Qt. ....P/N 1201-QT.....\$15.80  
 Gal. ....P/N 1201-1G.....\$29.95



## AQUAPREP AVIATION METAL CLEANER

Aquaprep is a safe, superior cleaner for use on any metal or hard surface and is designed to replace solvent cleaners. It may be used on painted, primed, or bare metal surfaces. It is non-staining, provides improved cleaning and improved corrosion resistance, and is compatible with MetalPrep and Alodine. Designed to remove sealers, wax, grease, silicone, and crayons. Try some new Aquaprep on your next metal cleaning project. Covers 400 sq.ft. per quart. 1 Gal. ....P/N 09-42100 .....\$27.40



## ALODINE TOUCH-N-PREP 1132

Touch-N-Prep Alodine 1132 no-rinse conversion coating effectively phosphates most metals including aluminum, ferrous and galvanized substrates. Doesn't require rinsing, and can be air dried or force dried with hot air or an infra-red lamp. High density acrylic tip of the Touch-N-Prep applicator can be modified with a single edge razor blade to form any shape. The application method controls the amount of coating applied to the surface. Covers 20 sq.ft. P/N 1132.....\$58.75



## AKZO FAST DRYING INTERIOR EPOXY PRIMER

AKZO interior epoxy primer #463.12-8 is a chemically cured 2-component epoxy primer designed to provide maximum protection from various chemicals, hydraulic fluids, aviation fuels, hydraulic fluids, and corrosive causing media. Drying time to touch is 15 minutes and to recoat is 1-24 hrs. Shelf life: 2yrs, Color: Green. Used extensively in military and aerospace applications and popular with aircraft builders. Uses 1 gallon of primer and 1 gallon of catalyst.

2 gal. kit .....P/N 09-24735 .....\$123.95  
 TR-19 Thinner .....P/N 09-00439 .....\$73.25



## RANDOLPH W-2248 EP-420W EPIBOND EPOXY PRIMER (WHITE)

This white heavy duty chemical & solvent resistant amine cured primer is fast drying and corrosion inhibiting. Can be applied & cured to temps down to 35°F. Mixing ratio is 2 parts base primer: 1 part EP-430 Catalyst. Order in kits.



Product	Quart		Gallon	
	Part No.	Price	Part No.	Price
W2248/EP420	09-00573	\$65.70	09-00574	\$221.65
Primer White kit				
Epoxy White base	09-00564	\$39.95	09-00565	\$136.70
Rand E-500	09-00566	\$33.75	09-00567	\$33.75
Reducer				
Rand EP430	09-00570	\$17.05	09-00571	\$28.90
Catalyst (pt)(qt)				



## RANDOLPH B-6433 RAND-O-PLATE EPOXY PRIMER (DARK GREEN)

This green primer is solvent resistant, amine cured, fast drying and corrosion inhibiting. Can be applied & cured to temperatures down to 35°F. Mixing ration is 2 parts base primer: 1 part EP-430 Catalyst. Order in kits.



Product	Quart		Gallon	
	Part No.	Price	Part No.	Price
Rand B6433	09-00575	\$65.70	09-00576	\$221.65
PrimerGreen kit				
Epoxy Green base	09-00568	\$39.95	09-00569	\$136.70
Rand E-500	09-00566	\$33.75	09-00567	\$33.75
Reducer				
Rand EP430	09-00570	\$17.05	09-00571	\$28.90
Catalyst (pt)(qt)				



## RANDOLPH EPOXY VARNISH EV-400/EV-410

An excellent clear gloss epoxy varnish for interior and exterior use. It provides superior weather durability and excellent chemical and solvent resistance. Can be used over a one component varnish primer if desired. Mixing ratio is 2 parts base varnish: 1 part EV-410 Catalyst. Order in kits.

**Quart Kit (yields 2.5 qts) Incl. EV-410 Catalyst & E-500 Thinner**  
 09-00670 .....\$59.40

**Gallon Kit (yields 2.5gal) - Incl. EV-410 Catalyst & E-500 Thinner**  
 09-00671 .....\$198.00

**Base:** Quart .....09-00666 .....\$34.20  
 Gallon .....09-00667 .....\$115.95

**Catalyst:** Pint .....09-00668 .....\$14.40  
 Quart .....09-00669 .....\$24.15

**E-500 thinner (Reduce 50%)**  
 Quart .....09-00566 .....\$33.75  
 Gallon .....09-00567 .....\$33.75



## RANDOLPH EPOXY ACCELERATOR EX-501

A chemical curing accelerator for use in W-2248 EP-420W Epibond Epoxy Primer, B-6433 EP-420G Rand-O-Plate Epoxy Primer, and EV-400 Epoxy Varnish according to direction on base component label. Reduces polymerization time, not solvent evaporation.

1/2 Pint .....P/N 09-04650 .....\$8.20

## RANDOLPH C-2210 PAINT SURFACE CLEANER

A mild solvent blend formulated to remove oil, silicone, wax, and other contaminants from all metal surfaces before priming. Also removed tape gum from painted surfaces and acrylic windshield materials.

Qt .....P/N 09-40810 .....\$6.85

Gal .....P/N 09-40820 .....\$19.90

CS

# PRIMERS – SOLVENTS - PAINT REMOVERS

## AFS EVERSHIELD CERAMIC SURFACE TREATMENT



You'll be amazed at this sprayable, wipable, dippable thin, clear liquid that cures to almost impregnable finish. It is a 2-component ceramic clearcoat/chemical treatment system designed for original equipment manufacturers to protect the substrate from corrosion and oxidation. This protective coating grips most any surface. Here are just a few substrates that have been successfully

covered; aluminum, brass, copper, magnesium, titanium, stainless steel, cold roll steel, galvanized steel, plexiglass, gel coat, cured paints, plastic extrusions, fiberglass, composites, fabrics, wood and tile. EverShield will not yellow, chip, crack or peel. If gouged or damaged the finish will not experience creepage and is repairable.

EverShield is designed to coat surfaces that require a thin clear durable, flexible, solvent resistant finish. It looks beautiful on highly polished metals keeping the surface sealed against oxidation or corrosion. EverShield can withstand temperatures in excess of 2000°F without burning away. This is a perfect coating for exhaust manifolds whether polished chromed, stainless steel or mild steel.

On any aircraft EverShield has applications from nose cone to tail cone. It will keep polished spinners and props from tarnishing and collecting bugs. On an exhaust manifold it seals the metal against corrosion. Be refraction it reduces heat transmission, this is perfect for the inside of tight engine cowls and firewalls. Nose bowls and wing leading edges will be free of bug-outs with the simple wipe of a rag. Over the entire plane the slick surface fortifies the boundary layer. Who knows how much more your aircraft performance could be improved?

EverShield can be applied by wiping, dipping or spraying. On highly polished metal surfaces it will level itself and cure to 1/10 of a mil (.0001" thick). On porous surfaces such as point or gel coat it will level and cure at around 3/10 of a mil (.0003"). Because this amazing liquid only builds from 1/10 to 3/10 of a mil thick, one gallon will cover from 1200 to 360 sq. ft. depending on the porosity of the surface. A quart kit of EverShield will coat a small 4 place airplane.

Kit			Curing Rinse		
Qty.	Part No.	Price	Qty.	Part No.	Price
2 oz.	09-00465	\$39.40	2 oz.	09-00476	\$2.00
4 oz.	09-00466	\$69.75	4 oz.	09-00484	\$3.00
8 oz.	09-00467	\$101.95	8 oz.	09-00485	\$5.00
Quart	09-00468	\$268.95	Pint	09-00486	\$7.50
Gallon	09-00469	\$995.00	Quart	09-00487	\$30.00
			Gallon	09-00488	\$50.00

## AFS WATERBORNE STEEL CONVERSION COATING



A water-based product that eliminates rust by accomplishing two functions at the same time. First, rust is converted to ferric iron, a black organic compound. Second, a coating of clear acrylic is formed over the coated area. The surface that remains after the transformation can be either left black or coated with Aircraft Finishing Systems topcoat or EverShield Ceramic Surface Treatment for the desired outcome. Product tests have shown that AFS Conversion Coat has extended the life of equipment or products for several more years after probable replacement. Can be used on all rusted surfaces. P/N 09-00482 .....\$48.50

## WATERBORNE 1-PART PRIMER / SEALER

A high quality, single component primer. Performance is equal or superior to that of single component solvent based primers. Primer/Sealer offers good coverage, excellent durability, and ease of application, as well as being a low VOC and EPA compliant coating. Our primer sealer can be custom made as a high build product enabling you to fill small imperfections and pin holes on composite surfaces. For use on aluminum, steel and composite surfaces. Quart .....P/N 09-00464 .....\$29.50  
Gallon .....P/N 09-00481 .....\$29.50

## AFS ALUMINUM ETCH / CLEANER

A highly concentrated triple combination acid based detergent and degreaser. It removes scale, lime and soap film as well as removing grease, oil processing fluids and brightens aluminum. It is non-hazardous, water reducible and non-flammable. We use this product to prepare aluminum surfaces for primer, to remove lime, scale and soap film. P/N 09-00473 .....\$20.80

## X-IT CARBON REMOVER & CLEANER

X-IT™ Carbon Remover & Cleaner from Pantheon Chemical is a revolutionary aerospace chemistry powerful enough for difficult cleaning applications, but safe enough for daily routine aircraft cleaning & maintenance. X-IT™ Carbon Remover & Cleaner is safe on all surfaces (rubber, plastic, metal, painted or unpainted) & quickly removes heavy carbon, dirt, grease, grime and oil. X-IT™ Carbon Remover & Cleaner is non-toxic, non-corrosive, nonhazardous, odorless, and aqueous-based.

- 32oz. spray bottle .....P/N 09-00768 .....\$8.65
- Carb Cleaner & Remover Gal.....P/N 09-00769 .....\$19.90
- Carb Cleaner & Remover 5 Gal.....P/N 09-00770 .....\$99.25
- Carb Cleaner & Remover 55 Gal.....P/N 09-00771 .....\$773.00

## ENVIRO STRIP PAINT REMOVER



Enviro Strip Paint and Varnish Remover will remove varnish, paint, synthetic enamel, lacquer, and shellac. It is slow-evaporating, allowing for deeper penetration of the surface. Enviro Strip contains no Methylene Chloride. 1 Qt. can .....P/N 09-22315.....\$13.60

- 1 Gal. can .....P/N 09-22320.....\$40.25
- 5 Gal. can .....P/N 09-22325.....\$181.95

## SURE STRIP PAINT REMOVER



Removes urethanes, epoxies, lacquers, primers, enamels, vinyls, varnishes, acrylics, shellac and polyesters. Washing off with water leaves a clean film-free surface that is ready for refinishing. Product of Certified Coatings Products Co.

- 1 Qt.....P/N 09-05701.....\$9.90
- 1 Gal. ....P/N 09-05710.....\$23.80
- 5 Gal. ....P/N 09-05715.....\$99.50

## REMOV-ALL AVIATION PAINT STRIPPER



Environmentally safe and excellent for aviation use. The stripper is a water-based paint and coating remover that is bio-degradable and non-toxic. It is non-carcinogenic, non-ozone depleting, non-flammable & has no hazardous air pollutants. Napier stripper utilizes he physical energy released by chemical reactions to break the bond between the coating and the substrate, lifting the paint off the airplane. The paint chips can be easily squeegeed or washed off the airplane. This stripper can reduce the volume of chemical used by 30% or more, reduce labor time by 40-60% & reduce total time for job completion by 10-20%. 14 oz. spray can .....P/N 13-01516 .....\$11.85  
5 gallon can .....P/N 13-01517 .....\$224.95

## AIRCRAFT SPRUCE MEK



Used to clean fabric prior to applying the first Poly-Brush coat. Also used to clean brushes, paint guns, etc.

- Quart .....P/N 09-13700 .....\$8.95
- Gallon.....P/N 09-13800 .....\$19.50

## AIRCRAFT SPRUCE ACETONE

Use to remove lacquer finishes, for cleanup after painting, and to soften lacquers or acrylics that have set up in spray guns or hoses. It has little effect on polyurethane which has cured in the lines. **Use only virgin acetone as recovered acetone can damage virtually anything on which it is used.**

- Quart .....P/N 09-13200 .....\$7.65
- Gallon ....P/N 09-13300 .....\$17.20

## AIRCRAFT SPRUCE TOLUENE (Toluol)

Can be used as a reducer for enamels, wing walk compound, zinc chromate primer, etc.

- Quart .....P/N 09-14100 .....\$6.30
- Gallon ....P/N 09-14200 .....\$15.60

## INSPECTA-SHIELD Fire Retardant Penetrant



Inspecta-Shield is a durable, non-toxic, fire retardant chemical penetrant which when cured and dried, is odorless and colorless. Inspecta-Shield will retard flame in materials such as fabrics, poly foam, paper, and wood. The flame protection will generally last for the life of the product to which it has been applied. Inspecta-Shield is environmentally compatible and will protect surfaces up to 2,200°. In addition, when Inspecta-Shield is applied to fabrics, upholstery, carpets or wood, these surfaces will retain their color and resist sun rot up to 50% longer. Class A rated flame retardant that meets F.A.R. 25.853 (a & b). (1) 32 oz. spray bottle will treat an area of 150 sq. ft. Can be applied with most household sprayers. Gal. P/N 09-00274 .....\$51.75

# VARNISHES - REJUVENATORS - POLISHES



## URETHANE VARNISH

A tough, fast-drying synthetic finish many times more durable than ordinary varnish. Resists weather and abrasion. Protects and preserves wood surfaces. Reduce with paint thinner. Spraying is not recommended. Fuller #652-00

Qt. ....P/N 09-22300.....\$19.80  
Gal. ....P/N 09-22400.....\$44.70

## FABRIC REJUVENATORS

A blend of deep cutting solvents which penetrates the dope finish and restores some of the original flexibility. Use on old fabric in fair condition. Do not use on weak or rotted fabric. Specify type of finish. *Rejuvenator Type Certified Coatings Nitrate Rejuvenator Butyrate Rejuvenator Stits Poly-Fiber RJ-1200*

1 Gallon		5 Gallon		1 Quart	
Part No.	Price	Part No.	Price	Part No.	Price
09-22500	\$15.60	09-22600	\$69.50	09-01263	\$9.65
09-22700	\$21.80	09-22800	\$77.00	09-01264	\$11.50
09-05300	\$63.65				

## RANDOLPH FLOAT LACQUER

This specialty product is used as a spray on the bottom of aluminum floats on amphibious aircraft to protect them from marine growth. Reduce with Randolph 286 Nitrate Thinner.

Qt. ....P/N 09-00830.....\$13.80  
Gal. ....P/N 09-00831.....\$41.70  
5 Gal. ....P/N 09-00832.....\$204.00

## RANDOLPH ACID-PROOF BATTERY BOX BLACK PAINT #345

This specialty product from Randolph Products is used as a spray on the bottom of aluminum floats on amphibious aircraft to protect them from marine growth. Also an excellent product for use in battery compartments. Manufactured to Military Spec. TT-L-54. Reduce w/#257 enamel reducer or #286 thinner.

Qt. ....P/N 344-QT.....\$13.30



## V&S AIRCRAFT CLEANERS & ADHESIVES



**FOAM & FABRIC ADHESIVE #581** - Specially formulated for bonding flexible urethane or latex foam to most materials. Bonds on contact, fast drying, non-dimpling, soft glue-line.

16 Oz. Can .....P/N 09-42650 ..... \$6.80 ea.

**SUPER TRIM ADHESIVE #1081** - A high temp high strength contact type adhesive. Bonds metal, foam, decorative laminates, fabrics, headliners. Variable width spray pattern. Meets Fed. Spec. MMM-A-130B.

16.5 Oz. Can....P/N 09-42652 .....\$7.60 ea.

**DRY SILICONE SPRAY #781** - Quality dry silicone lubricant stops adhesion of urethane foam backings, foam rubber and other non-sliding materials to metal, wood or rubber. Non-staining, will not harm painted surfaces.

11 Oz. Can .....P/N 09-42654 .....\$5.95 ea.

**CITRUS CLEANER #609** - Can be used safely on many surfaces to remove adhesives, grease, inks, and residue from various tapes. Environmentally safe, biodegradable and pleasantly scented.

16 Oz. Can .....P/N 09-42656 .....\$12.95 ea.

## NUGLAZE SUPER PAINT GLOSSER



Nuvite introduces NuGlaze to create a super high gloss "show quality" finish for paint in new or excellent condition, and it adds a U/V and sealant protection. It will put that final "wet-look" finish on good paint, and can be used as a final step for maximum gloss after using a drywash cleaner/polish such as Nuvite NuPower II. With regular NuGlaze use, a continuing surface barrier against most of the effects of airborne chemicals and ultraviolet radiation is created. Paint can be maintained in "new" condition longer and maintain the color balance intended by the manufacturer with regular use.

Bugs and normal soil remove easily from a NuGlaze surface, and the added gloss keeps the "new paint" look longer. NuGlaze is simple to use and avoids complicated setups and special application or buffing equipment. Proven techniques and continuing technology advancement from Nuvite have come together to produce NuGlaze - the best thing you can do to maintain and protect your near-new or "new-looking" paint.

1Gal.....09-01224.....\$36.85  
5Gal.....09-01225.....\$174.50

## NUVITE POLISH/PROTECTANT SYSTEMS

Nuvite's surface finish enhancement and protection technology offers the highest-performance surface maintenance and protection systems available. These products are designed to be used on your aircraft, boat, recreational vehicle, truck, auto or other vehicle anywhere, anytime. Nuvite has the answer for your operations in an EPA-sensitive environment.



## NUPOL POLISH / RESTORER / UV PROTECTANT

Same easy wipe on, let dry, wipe off surface cleaner with enhanced cleaning and oxidation removal capabilities. Ideal for tough cleaning due to long intervals between cleanings. Leaves a beautiful shine and an effective UV protective barrier.

Qt. ....P/N 09-00583 .....\$9.95

Gal. ....P/N 09-00582 .....\$22.95

## NUPOWER II POLISH/UV PROTECTANT

Dry Wash Cleaner and Polish (Routine dry wash cleaning with gloss enhancement and UV protectant barrier) - Use for routine cleaning where wet-washing is not possible or gloss enhancement is desired. Contains non-abrasive media to remove even stubborn soiling. Cleans dirt, carbon and oil and leaves a protective barrier against UV deterioration of paint. Can also be used to clean bare metal surfaces. Apply with mop, spun cotton pad, towel or by hand. Agitate uniformly over area to be cleaned, spreading material to a very thin layer. Let dry completely and buff off by hand with clean terry towel. Supplied ready-to-use.

Qt. ....P/N 09-00581 .....\$9.95

Gal. ....P/N 09-00580 .....\$22.85

## NUSHINE II POLISH/ SYSTEM

Nuvite engineers have formulated a system of polishes to meet the needs for almost any metal and paint polishing project. New metal to antique, the formulations in the NuShine II Polishing System will give superior definition, highlights, imagery, clarity, and will retain the finish longer than normal polishes. Nuvite's NuShine II graded polishes use high technology materials with programmed abrasive characteristics and are blended with superior carriers to offer the ability to produce cutting action when needed, yet offer micron-level finishing in the finer grades that produces highest reflectance and image excellence.

**Grade S (for final finishes)** - The finishing grade that gives the realy deep, clear image when used as a final finish over a properly prepared, oxidation-free surface.

0.5 Lb. jar .....P/N 09-00578 .....\$33.95

**Grade G6 (SS & titanium or heavily oxidized aluminum)** - When a heavy cut of the surface is needed, G6 may be a good answer. G6 has a high-tech abrasive system that is designed to do a quick, aggressive cut, and immediately break down to a finer cut, similar to Grade C. Use when there is heavy oxidation on the surface of aluminum, or even when very light corrosion is evident. Can also be used to blend surface scratches in aluminum. Can also be used for polishing stainless steel.

0.5 Lb. jar .....P/N 09-00586 .....\$33.75

**Grade C (for unpolished aluminum and repolishing degraded brightwork)** - C is a cutting grade polish that we recommend to prep for using Grade S. Use Grade C to begin polishing on clad aluminum that has never been polished. Will also remove the cloudy/hazy white background found in many otherwise good polish finishes.

0.5 Lb. jar .....P/N 09-00587 .....\$33.75

## NUGEAR DEGREASER / CLEANER

NuGear SC is a grease cutting and environmentally friendly cleaner for hand wipedown. No petroleum distillates for operator safety. Dilutes 1:12 and can also be used as a wet wash at 1:20.

Gal. ....P/N 09-00584 .....\$10.50

CS

# POLISHES – CLEANERS



**ASTROSHIELD POLISH & GLAZE**  
Astroshield is not an old fashioned wax, but a unique one-step cleansing and glazing treatment that makes painted surfaces glow with lustrous long-lasting protection against blistering heat, sub-zero cold, high velocity airspeeds, and corrosive engine exhaust. Used extensively by the United States Air Force.  
Quart Can .....P/N 09-38105 .....**\$15.95**



**AERO GLOSS**  
Aero Gloss polish is used by 80% of the world's major airlines. It is now available to the general aviation and experimental aircraft market. Removes turbine soot and exhaust stains from paints. It is an excellent plexiglass polish and can be applied with a power buffer. It takes 1-2 pints and 3-4 hours to polish an average Cessna 182 with Aero Gloss.  
Pint.....P/N 09-38100 .....**\$12.85**



**AERO SHEEN POLYMER COATING**  
Aerosheen polymer Coating removes and helps prevent oxidation on aircraft surfaces, and helps prevent wind deterioration and chalking. Aerosheen requires no pre-cleaning, hard rubbing, or buffing prior to application. Pint.....P/N 09-42525 .....**\$18.95**

**STAR BRITE AIRCRAFT POLISH**

This exceptional new polish cleans off dirt, stains and oxidation and restores the original bright color of the aircraft leaving a dazzling shine. StarBrite also cuts fuel consumption and boosts speed by reducing drag an amazing 5.5%. Contains no wax, oils or acids.  
16 fl.oz. ..P/N 09-23900.....**\$8.35**



**RED BARON POLISH/SEALANT**  
Red Baron polish/sealant is used to maintain a beautiful polished shine. Excellent for use on windshields. Order to maintain the paint job on any aircraft, auto, or boat. 16 oz.....P/N 09-30410 .....**\$23.85**

**SUPER GLOSS SUPREME AIRCRAFT POLISH**

Super Gloss removes oxidation through a unique chemical process which provides dramatic color restoration and unbelievable shine. UV & corrosion inhibitors fight fading and surface deterioration, and Super Gloss also removes cloudiness & light scratches from plexiglass windshield. Restores faded graphics and registration numbers, reduces fading, removes exhaust discoloration, and bugs will not stick to it. It is designed for all aircraft finishes and aluminum. Gives a mirror finish to aluminum & magnesium alloys and coats with a hard resin coating. Used by all branches of the U.S. armed forces.  
16 oz.....P/N 09-00192 .....**\$16.75**



**RACERS EDGE POLISH**

Specifically formulated to provide drag reduction, use of this revolutionary formula results in increased air speed, protection, and the richest, deepest shine. Flight tested by the U.S. Air Force and engineering certified for all Boeing, Douglas and Airbus aircrafts. Blend of highly protective properties provide maximum protection for all elements of nature & engine exhaust. Apply by hand or machine.  
P/N 09-00157 .....**\$19.95**



**MET-ALL**

An aluminum polish which removes and prevents pitting. Makes aluminum shine with mirror-like brilliance. Non-toxic, non-abrasive and non-flammable. A non-silicone product which resists further corrosion. Meets military specifications.  
1 Lb. Can .....P/N 09-24200 .....**\$9.85**  
2 Lb. Can .....P/N 09-24300 .....**\$15.60**



**MET-ALL DETAIL POLISHING KIT**

Met-All's Detail Polishing Kit will produce a show room finish on bare metal, painted surfaces and fiberglass using Met-All polishes and premium bonnets. Each bonnet features a recessed loop back so the edge and face can be effectively used with less concern for marring the finish. Change pads quickly and easily. Ideal for polishing aircraft, cars, motorcycles, boats etc.  
P/N 09-00448 .....**\$33.95**



**BLUE MAGIC METAL POLISH**

Blue Magic produces a deep mirror shine. The oxide residue left after polishing is easily wiped off with a rag. A small amount will polish a large area. Airshow aerobatic pilot Chuck Lischer, Jr., whose high performance Swift is shown here, recommends Blue Magic as the best polish available for polished aluminum aircraft.  
#500 1 lb. Can ....P/N 09-24600.....**\$11.95**



**210® PLASTIC CLEANER/POLISH**

•Anti-static, Anti-fog • Will remove marks from crayons, magic markers and paint oversprays • Removes residue glue from protective backings and masking tape • Evaporating properties in the formula - cleaning is quick and easy without leaving any streaks or swirl marks • Resists fingerprints • Seals pores in plastic and leaves a protective coating • Pleasant clean aroma • Gives plastic a clear, lustrous look. 7 oz..... P/N 09-00518 .....**\$7.00**  
14 oz..... P/N 09-00517 .....**\$9.50**



**210® PLUS PLASTIC SCRATCH REMOVER**

•Extremely mild abrasive compound, with anti-static and anti-fog properties in its formula • Ideal for the removal of surface scratches and blemishes from windshields or heavy cleaning of all plastic materials • Water soluble, excess can be wiped off with a wet sponge or cloth •Easy to use. 15 oz..... P/N 09-00519 .....**\$10.50**

**210® WINDSHIELD CARE KIT**

Recommended by LP Aero Plastics and other leading aircraft windshield manufacturers, our 210® Plastic Cleaner & 210® Plus will help keep your windshield crystal clear and scratch free for safe, enjoyable flying. Our **Windshield Care Kit** Contains: (1) 7 oz. 210® Anti Static/Anti-Fog cleaner & polish, (1) 7.5 oz. 210® Plus Anti-Static plastic scratch remover, (100) 9"x 16" Sontara Aircraft Wipes.  
P/N 09-00521 .....**\$32.10**

**CLEANVIEW PLASTIC CLEANER/POLISH**

Bring new life to your plastics with Clearview. Developed to clean, polish and protect all types of clear and colored plastics Helps hide small scratches by filling them with a fine protective coating. Wipes on & off easily with no smudges or residue. Anti-static. Spray can. 16 oz.  
P/N 09-00531 .....**\$5.25**



**RAIN AWAY**

A protective treatment which leaves a clear, smooth, non-stick surface. Visibility is improved by repelling rain, bugs, frost and road film. Raindrops bead up and are blown away while flying.  
P/N 09-01279 .....**\$6.35**

CS

# POLISHES – CLEANERS



## ROLITE METAL and FIBERGLASS POLISH

Rolite Metal and Fiberglass Polish will restore the original brilliance of virtually any metal surface, as well as being ideal for fiberglass and plexiglass parts. Rolite products are preferred by many EAA members maintaining bare aluminum aircraft as well as by commercial airlines and prop shops worldwide. Will create a mirror-like shine like you have never seen. Recommended for maintaining brilliant propellers and spinners.

10 Oz. Can .....P/N 09-42555.....**\$16.20**  
2 Lb. Can.....P/N 09-42560.....**\$31.95**



## ROLITE AP-300 ALUMINUM POLISH

A super-fine, high quality aircraft cleaner/polish that improves the appearance of alcaid aluminum. It removes light to medium oxidation, soil, and jet blast residue with ease. Finished gloss and reflection of aluminum: extremely high.

1 Lb. Jar.....P/N 09-00183.....**\$54.50**



## ROLITE SUPRA 90 ALUMINUM POLISH

Researched and developed for the commercial aircraft industry. This precision aluminum polish is widely used by many domestic airlines. Manufactured to meet all Boeing and McDonnell Douglas Specifications (Boeing D6-17486; CSD-1, Type 1 & V). Supra 90 will give you a mirror-like shine on your aluminum (or any other metal) surface that was never before believed possible!

2 Lb. Can.....P/N 09-42420.....**\$54.00**



## MAAS ALUMINUM & FIBERGLASS POLISH

Maas polish removes fine scratches, prevents clouding on plexiglass windshields and windows, reduces air resistance, and repels moisture. It is used by major air carriers and has provided them with a 10% savings on fuel due to Maas' ability to substantially reduce parasitic drag and friction on the leading edges of the aircraft. Excellent for use on anodized or bare aluminum, painted surfaces, plastics, plexiglass, and fiberglass.

1 lb. can.....P/N 09-23545 .....**\$21.50**



## ROLITE PREMIUM VINYL & LEATHER PROTECTANT

"The Sun Protector". Protect your aircraft interior by using Rolites' maximum sun block formula. Contains no solvents, silicone oils, or petroleum distillates. Its anti-static formula will produce a shine on your vinyl or leather seats without being slippery or tacky. And will actually repel dust! Comes in spray pump bottle.

8 oz. Bottle.....P/N 09-42435.....**\$8.95**



## ACTION CHIPKIT Fixes paint chips and scratches

The Action Chipkit stops rust around paint chips and scratches and produces repairs which are flush with the rest of the paint. The kit includes the Eliminator rust remover which is used to prepare the surface, and then the kit's clear paint sealer is applied. The kit's microfine sanding papers and sanding block are used to create a smooth and flush finish. Extrafine polishing compound completes the job by removing irregularities and restoring gloss. Everything you need for small paint chip repairs is included in the easy-to-use Action ChipKit.

P/N 09-27225 .....**\$16.50**



## ICE AWAY PROP ICE GRIP INHIBITOR

Sooner or later, most pilots get into icing conditions and an ice-free propeller may be the ticket to safety. Years of testing have shown Ice-Away to stay on for several hours in icing conditions. Ice-Away facilitates propeller ice shedding and enhances safety. Simply spray Ice-Away on the propeller leading edges and reapply as necessary

5.25 oz. spray can ..P/N 09-00264 .....**\$9.90**  
**Less 10% on 6 cans or more**

## PLAS-TEC PLEXIGLASS/PLASTIC CLEANER & POLISH

Plas-Tec cleans, shines, and protects today's high-tech plastics. Plas-Tec is a non-aggressive, optically clear cleaner that lifts fingerprints and smudges, leaving a protective, anti-static coating that resists dirt build-up. Plas-Tec is excellent for use on acrylic, Lexan, or Plexiglass windshields and windows as well as aircraft instrument panels. Also an effective cleaner for computer screens, scanners, copiers, laptops, phones, TV & video equipment, dashboards, snowmobiles, golf carts, soft top windows, convertible car tops, goggles sunglasses, and many other applications.

4 oz. Can .....P/N 09-00308 .....**\$3.95**  
16 oz. Can .....P/N 09-00309 .....**\$6.95**  
1Gal. Can .....P/N 09-00310 .....**\$29.60**

## REJEX SOIL BARRIER & STAIN PROTECTOR

RejeX™ is an advanced polymer system that seals painted surfaces to guard against corrosive exhaust gas, oil, and bug stains. It forms a slick, long-lasting, glass-like barrier that allows easy removal of turbine and piston-engine exhaust stains with mild detergents. Bugs can be removed quickly and easily with just a stream of plain water. On paint in good condition, RejeX eliminates the need for waxes and polishes, and one application will last a minimum of 4 months, even after repeated washings. Surfaces to be protected should be clean, dry, and cool to the touch and the product should not be applied in direct sunlight. Just put it on with a clean, soft cloth and allow it to dry completely to a haze. Then, wipe off the haze with very little effort and there you have it. Damaging contaminants, such as bug acids and exhaust stains will no longer be a problem.

16 oz. Can .....P/N 09-00303 .....**\$17.95**



## BRILLIANIZE

Brillianize makes shiny surfaces brilliant. The cleaned surface resists finger marking, has anti-static properties, repels dust. It is a nonflammable and nontoxic liquid. Use it to clean Plexiglas, Lexan, mirrors, chrome - any shiny surface. Apply and polish with Kleenmaster shop towels.

8 oz. spray bottle .....P/N 09-24000 .....**\$6.50**  
#128P -1 gal. plastic bottle ....P/N 09-24100 .....**\$23.90**



## THAT BUG STUFF BUG REMOVER

That But Stuff is a very effective bug remover, specially formulated to remove bugs from the front surfaces of airplanes. Developed by pilots for pilots, That Bug Stuff is ready to use. Spray on the area to be cleaned, and in seconds, bugs can be wiped off with a soft cotton cloth. Will not remove wax and will not remove bugs that have been covered by wax.

32 oz. spray bottle .....P/N 09-00523 .....**\$11.90**



## BUG-OFF

BUG & EXHAUST REMOVER - Bug Off is a presoak bug and exhaust remover designed to remove organic matter, bug juice, and engine exhaust soot from surfaces of aircraft, automobiles, and trucks. Bug Off dissolves most dried up bug matter and exhaust soot in seconds. It eliminates scrubbing and does not affect painted surfaces.

1 Qt. (Spray Bottle) .....P/N 09-35710 .....**\$9.95**  
1 Gal. Refill .....P/N 09-35712 .....**\$15.95**



## RAIN-X RAIN REPELLENT

RAIN-X seals the microscopic pores of glass with a super-slick, non-stick invisible barrier that repels rain, sleet and snow on contact. Rain drops bead up and are blown away by the aerodynamic wind flow, improving all-weather visibility, safety and comfort. The RAIN-X treatment also makes for easy removal of frost, ice, salt, mud, and bugs.

7 oz. bottle .....P/N 09-42500 .....**\$5.90**



## NEVR-DULL POLISH

Chemically impregnated cotton wadding which removes corrosion, exhaust marks, wax, grease. Rub over metal surface and wipe clean. Leaves a protective glossy film.

2 Lb. Can.....P/N 09-24350.....**\$21.80**



# PLEXIGLASS CLEANERS & POLISHES

## MEGUIAR'S MIRROR GLAZE AIRCRAFT MAINTENANCE PRODUCTS



### Plastic Polish (No. 10)

Safely restores and maintains optic clarity to all clear plastics. This complete one-step product keeps new and like-new transparent plastics in perfect condition with a static-free coating that repels dust. Meets Military Spec MIL-C-5547 and MIL-C-18767A(ASG).

8 Oz. ....P/N 09-23300 .....\$6.95



### Plastic Cleaner (No. 17)

Safely removes fine "hairline" scratches and grime from clear plastic windows and windshields, acrylic and polycarbonate surfaces. Follow with an application of Plastic Polish (No. 10) to restore perfect clarity.

8 Oz. ....P/N 09-23500 .....\$6.95



### Clear Plastic Cleaner/Polish (No. 18)

Mirror Glaze #18 restores optical clarity and removes surface residue. Its anti-static formula repels dusts and its one-step action saves maintenance time. Just spray on and wipe dry to safely remove surface contaminants and restore optic clarity.

8 oz. ....P/N 09-23800 .....\$6.40



### ScratchX Fine Scratch and Swirl Remover

Meguiar's ScratchX is guaranteed to deliver the highest results possible by hand. It is designed to remove fine scratches and swirls, oxidation and blemishes, and bonded contaminants from painted surfaces. If it is possible to remove the blemish or scratch by hand, ScratchX is the perfect solution.

7 oz. ....P/N 09-00304 .....\$8.70



### Final Inspection (No. 34)

Mists on and wipes off to remove fresh contaminants and maintain a showroom shine...anywhere, anytime. High lubricity formula removes dust, fingerprints, contaminants and fine scratches. Contains optical brighteners for a high gloss shine. It is "paintable", safe for use in a paint shop environment and safe on all paint finishes, including clear coats.

16 Oz. ....P/N 09-00446 .....\$6.30  
1 Gal. ....P/N 09-23440 .....\$21.10



### Vinyl & Rubber Cleaner/Conditioner (No. 40)

Gives a clean, natural looking luster to rubber and vinyl surfaces. Cleans the surface while restoring its original color. Prevents fading, cracking & drying. Avoids typical synthetic shine of conventional protectants. Contains UV protectants to extend life of vinyl & rubber. Great for use on tires, rubber trim, under hood detailing. Perfect for vinyl surfaces, including dashboards, door panels, vinyl tops and interiors.

16 Oz. ....P/N 09-23450 .....\$8.70  
1 Gal. ....P/N 09-23460 .....\$26.50



### Polymer Sealant (M-20)

Polymer Sealant outshines any other wax or polymer product. It has a unique blend of polymers, silicones and imported waxes which create a brilliant high gloss finish that outlasts all other waxes. Polymer Sealant is safe and effective on all paint finishes, including clear coats.

16 oz. ....P/N 09-00764 .....\$16.60  
64 oz. ....P/N 09-00185 .....\$35.95



### One Step Cleaner/Wax (50)

Cleans, polishes and protects in one easy step. Effectively cleans chemically without harsh abrasives that can scratch or dull. Removes light oxidation, haze, minor swirls and scratches. Contains polishing oils that add brilliance and high gloss. For use on all fiberglass, painted surfaces, & metal.

16 oz. ....P/N 09-00305 .....\$8.95



## PLEXUS AIRCRAFT PLASTIC CLEANER, PROTECTANT & POLISH

Plexus™ was developed for use in aviation, specifically for cleaning and protecting aircraft windshields and painted surfaces. It's quite simply the most effective product you can buy for cleaning, polishing and protecting all clear and colored plastics and painted surfaces. Plexus is easier to use, and leaves a noticeably cleaner, more lustrous finish than conventional polishes. It protects by actually sealing the pores in plastic making it more resistant to debris, oil, bugs or scratches. Because it's anti-static, it repels dust and lint. It's perfect for windshields and the leading edges of the wings, as well as for removing exhaust stains and cleaning wheel wells. Also, Plexus polishes without harmful abrasives. It leaves an invisible, micro-thin layer of wax without smears or smudges. It dries to a crystal clear luster, leaving no oily, sticky or tacky residue. It's the ultimate detailer for your aircraft. So, if you're looking for a better way to save time, money and help protect your valuable investment, it's clearly brilliant. Plexus. Clearly the best. **Plexus contains no CFC's, so it's safe for the environment. And because it's an aerosol, there is virtually no waste.**

7 Oz. Can .....P/N 09-29715 .....\$5.95ea  
13 Oz. Can .....P/N 09-29710 .....\$8.95ea



## PERMATEX PLASTIC CLEANER

Removes grease, stains and insects. Retards fogging. Rain repellent, anti-static. Cleans Plexiglas, fiberglass, stainless steel and painted surfaces without scratching.

#403D Pint Can .....P/N 09-00344 .....\$5.95



## LP AERO'S ACRYLIC POLISH SEALANT FOR AIRCRAFT WINDSHIELDS

A superior no-wax, non-yellowing formula containing polyethylene polymers. This product not only gives a super slick surface to your windshield and windows, but can also be used on your entire aircraft, including all the painted glass surfaces, aluminum & fiberglass. Ease of application and removal is unmatched. Sold in 16 oz. bottles.

P/N 09-42055 .....\$11.85



## SPRAYWAY #848 PLASTIC CLEANER

Sprayway plastic cleaner contains no chemicals or abrasives that will cause damage to transparent surfaces. This formula is anti-static, anti-fog, fast-drying, non-streaking, and it reduces finger glare. It also repels finger smudges, dirt, and dust. Great for use on acrylics, plexiglass, lexan, glass, and polycarbonates. No. 848 meets the following military and commercial specifications: • MIL P5425 • MIL P25690A • Douglas Aircraft CSD-1 • ANSI/ASTM F484-77 • Boeing Letter-Lexan 9600. Product is free of ozone-depleting chlorofluorocarbons (CFC's)

P/N 09-42060 .....\$5.40



## PLEXI-CLEAR PLEXIGLASS CLEANER

Plexi-Clear produces a microscopic, High luster, soil retarding and water repellent finish to aircraft Plexiglass. Covers minute scratches and leaves no gummy residue or film. Meets military & Boeing specifications including CSD-1, Lexan 9600, BMS-8-135, MIL P5425, MIL P25690A. Plexi-Clear is designed for anti-fog, fingerprint, scratch, lint, static, dust, smudge & oils.

19 oz. can P/N 09-37960 ..\$8.95ea



## TEND WINDSHIELD PRODUCTS

The Tend family of windshield care products is an exceptional collection of cleaners guaranteed to give you crystal clear optics, vitally important in today's air traffic environment. Tend Anti-Static Windshield Cleaner keeps acrylic surfaces clean and dust free by attacking fingerprints, lint, and smudges to maintain a crystal clear brilliance. Tend Windshield Cleaner and Polish does away with haze and other minor blemishes leaving a like-new luster on your windshield and windows. Tend Windshield Cleaner and Reconditioner is ideal for scuffed, scratched and weathered Plexiglas, Lexan or other acrylic and polycarbonate surfaces. Makes that windshield look "new" again!

Anti-Static Windshield Cleaner, Pt. ....P/N 13-30530 .....\$6.50  
Windshield Cleaner & Recond., 1/2 Pt. ...P/N 13-30520 .....\$5.80

CS

# POLISHES – CLEANERS

## MICRO-MESH LEADING EDGE POLISHING KIT



This kit will restore up to 100 sq. feet of unpainted aluminum surface. Perfect for leading edges, vertical and horizontal stabilizers, engine nose cowls and thrust reversers, removes oxidation, corrosion, orange peel, and surface scratches. Provides a uniform high-luster gloss.

**Specifications:** •1 - instructions

- 2 - 5" loop discs, Micro-Mesh 1500 AO
  - 2 - 5" loop discs, Micro-Mesh 2400 AO
  - 1 - 16 oz. bottle aluminum cutting fluid
  - 1 - 5" x 3/4" nap TUFFBU lamswool polishing pad
  - 1 - 5" white, loop back foam pad
  - 1 - 5" soft interface pad with hook
  - 2 - 5" loop discs, Micro-Mesh 1800 AO
  - 2 - 5" loop discs, Micro-Mesh 3200 AO
  - 1 - 1/4 lb. container aluminum polish
  - 2 - flannel cloths
  - 1 - 5" soft interface pad with hook
- P/N 09-00785 .....\$94.00

## WASH WAX ALL



Wash Wax ALL is a water based cleaner/wax. Simply spray on and wipe dry, leaves an anti-static, non-stick protective coating on all surfaces such as paint, glass, plastic, leather, vinyl, rubber, wood, gel coat, aluminum, marble, granite and other hard surfaces. Also works great indoors on appliances, counter tops, cabinets, furniture, sinks, bath, shower, shop, lawn and garden equipment and furniture. Non-Corrosive • Alcohol & Ammonia Free. Just Spray on and Wipe Dry!

Quart.....P/N 09-00493 .....\$8.95

## WASH WAX ALL (Degreaser)



Wash Wax ALL (Degreaser) Is a water based degreaser/wax. For those tough, greasy, oily, and grimy cleaning jobs such as aircraft engine areas and bellies, car wheels and tires, boat transom, water line and engine areas. Simply spray on and wipe dry, leaves an anti-static, non-stick protective coating on all surfaces such as paint, glass, plastic, leather, vinyl, rubber, wood, gel coat, aluminum, and other hard surfaces. **Note:** the use of SafeSolv may be needed in extremely oily and greasy cleaning situations. Non-corrosive • alcohol & ammonia free

Quart.....P/N 09-00495 .....\$9.95

## AERO SCRUBBER KIT



Soft, non-scratching, long-lasting, reusable scrubber pad. Use with Wash Wax ALL on tough cleaning jobs such as aircraft bellies, engine areas, leading edges, wheels and tires. Great for fast bug removal from painted surfaces. Each package includes 4 pads w/ 1 holder. Quart ..P/N 09-00509 .....\$19.85

## AERO TOWELS



All purpose synthetic towel. Super soft, absorbent, long-lasting and lint-free. The best towel for all of your cleaning needs. 3 washable 16"x16" Aero Towels per package. Quart .....P/N 09-00510 .....\$19.85

## LEATHER CARE



Leather Care Provides the longest lasting barrier against drying & cracking from damaging ultra-violet rays. Restores & protects dull, faded, hardened leather and vinyl like new. Repels dust & dirt without leaving oily residue. 1 Qt. P/N 09-00503 .....\$7.95

## RUBBER CARE



Rubber Care is easy to use water-based rubber and de-ice boot care product. Restores & protects rubber, giving that new semi-gloss look without leaving oily residue. Excellent on weather stripping, tires or any rubber item. Quart P/N 09-00505 .....\$7.95

## CP/S CLEANER-POLISH/SEAL-COAT



CP/S removes oxidation and dirt out of the paint layer and restores the original brilliance, color and gloss. Hard rubbing is not required. CP/S is designed for a light pressure manual application. CP/S can be applied in direct sun or on a hot surface, however, expect best performance when the surface is not hot to the touch. Proper application will provide the best results and will maximize the resin seal-coat for future protection. P/N 09-00784 .....\$22.95

## KPC PRODUCTS, CLEANERS AND PRESERVATIVES

### WINDSHIELD SPEED CLEANER & POLISH



KPC Windshield Shield Speed Cleaner & Polish for Transparent Plastic Aircraft Materials. Meets U.S.A. Military Requirements MIL-C-18767A (ASG). This product is non-static, non-glaring, and abrasive free, will help prevent hazing and discoloration of clear plastic materials. Can be used in arid, humid, rain or sunny conditions. Recommended for: plastic windows, windshields, windscreens, and instrument faces, AS-2 safety glass, plexiglas, lexan and mylar, formica and other structural plastics. Safe, quick, easy to use.

12 oz.....P/N 09-00544 .....\$10.75  
1 gal.....P/N 09-00545 .....\$44.95

### KPC VINYL COATED CLEANER AND PRESERVATIVE



KPC Vinyl Cleaner and Preservative is a neutral biodegradable spray on - wipe off chemical. The finest chemical available for cleaning and preserving your breathable or solid vinyl, deep grained vinyls, pearlized vinyl, hercolyn, leatherette, naugahyde, or any synthetic fabric. No abrasives, residue, coating, or discoloration. KPC Vinyl Cleaner will not damage cloth, rugs, chrome, painted walls or any of the threads or seals that hold the vinyls together, or any backing of breathable vinyl as used on some of the imported cars. Leaves article soft and pliable.

12 oz.....P/N 09-00542 .....\$8.50  
1 Qt.....P/N 09-00543 .....\$13.95

### KPC ALL PURPOSE LIQUID HAND CLEANER



KPC All Purpose Liquid Hand Cleaner with lanolin and anti-septic leaves hands soft and smooth. For people who want their hands cleaned gently but thoroughly. Product is soluble and free from grit or harsh abrasives. Use with or without water. After application, rinse hands or dry with cloth. Recommended for mechanics, plumbers, painters, printers, roofers and any job where grease, oils, paint, sap, tar or grime is present. Also an excellent all purpose hand cleaner for home, office and shop. All Purpose Hand Cleaner is non-caustic and biodegradable.

8 oz. ....P/N 09-00546 .....\$7.50  
16 oz.....P/N 09-00547 .....\$10.75

### KPC RUBBER CLEANER and PRESERVATIVE



KPC Rubber Cleaner and Preservative restores new look to your rubber accessories. All rubber parts will look like new (no painted or artificial look). Cleans and preserves all rubber molding of aircraft, auto, commercial, etc. Cleans and restores floor mats whether clear, red, brown, etc. to their original color. Not harmful to paint, glass, chrome, rugs, aluminum, etc., and will not change the original color of any rubber material. 16 oz.....P/N 09-00548 .....\$11.75

### KPC LEATHER CLEANER & PRESERVATIVE



KPC Leather Cleaner and Preservative cleans genuine leather with a saddle soap base -preserves leather with pure neatsfoot oil. A one step leather care for all leather goods. Wipe on -wipe off. No oily residue is left on your leather. Kleenmaster uses only natural animal oils which penetrate into the leather. It preserves the finish even if leather becomes hot. Product is nonflammable, free of offensive odor, and will not irritate skin. Helps prevent mildew.

4 oz. ....P/N 09-00550 .....\$5.75  
8 oz. ....P/N 09-00551 .....\$8.50

### KPC AIRCRAFT SHAMPOO CONCENTRATE

KPC Shampoo Concentrate for cleaning auto, aircraft and boat surfaces of fiberglass, aluminum, chrome or painted surfaces. Use in sun or shade, just shampoo and rinse. Will not remove wax when applied to a cool surface. 1 oz. of concentrate makes four gallons shampoo. Will not harm paint, glass, plastic, rubber, chrome or vinyl. Leaves a highly polished appearance. Helps protect surface from deterioration.

16 oz.....P/N 09-00552 .....\$9.50  
1 gal.....P/N 09-00553 .....\$43.50





# GLARE POLISHES & CLEANERS



## GLARE PROFESSIONAL POISH

A non-stick high-gloss all-weather sealant. The finest polish for your car, airplane, boat, motorcycle, glass, stainless steel, fiberglass, chrome, Carbon Graphite, and RV in the world's market. Filters out UV Rays, turns to glass on and within your paint. Contains Glassplexin®. Bonds molecularly to your paint. The most revolutionary polish ever developed. Beyond 22nd century technology. Lasts up to five years.

12oz. ....P/N 09-01055 .....\$34.95

## GLARE SPIDER

*"Another innovation of Ultra 2000 MFG Int'l, Inc. Beyond 22nd century technology."*

GLARE Spider is the most advanced swirl, spider web, and scratch removal product in the market. Ultra high purity metal interlinked fusion of glass particles to Glassplexin forming a unique highly advanced swirl mark remover polish. GLARE Spider fills in permanently, it is NOT a temporary solution - not found anywhere.

12oz. ....P/N 09-01061 .....\$29.95



## GLARE RAPID ACTION SPRAY

Ultimate protection for Cars, Planes, Boats, Motorcycles, Fiberglass, Plastic, Stainless Steel, Chrome, Carbon Graphite & Polished Aluminum. Now in a convenient and easy to use spray formula. Contains Glassplexin and lasts up to six months. Bonds molecularly to your paint. The most exciting polish ever developed. Beyond 22nd century technology. ....P/N 09-01057 .....\$24.95

## GLARE ULTRA WASH

*"Cleans your vehicle, keeps your shine."*

The most advanced wash ever developed. A PH balanced concentrated wash. Safe for all paints and finishes including the new clear-coated paints. New technology that leaves your vehicle clean and glossy like no other vehicle wash can. Contains Glasplexin.

12oz. ....P/N 09-01062 .....\$14.95



## GLARE VINYL · LEATHER ALL WEATHER PROTECTANT

A special blend of natural ingredients and a chemical formulation called SUPPLEXIN which is designed to beautify, soften, deodorize, preserve, and protect against damaging agents found in the everyday usage of your vehicle's interior. This product cleans, conditions, preserves, and protects in one easy step. Contains no harmful silicones, or adverse active ingredients. Blocks harmful UV rays. The finest and most technologically advanced interior product ever unleashed on the car care market, and thus worthy of the Glare Name. Smells great.

12oz. ....P/N 09-01056 .....\$34.95



## EAGLE ONE MAG CHROME POLISH



Unique "Jewelers Rouge" formula quickly cuts surface oxidation. Produces maximum depth and brilliance of shine on chrome, aluminum, copper, brass and stainless steel. Available in two convenient formulas.

P/N 09-00263 .....\$8.40

## GLARE LIQUI-CLAY

*"The Clay Bar in a Bottle."*

Smoothes and removes stubborn blemishes before polishing! Won't rescratch your paint like a regular Clay Bar. Fast and very easy to use. The MOST advanced claying system for your vehicle's finish ever developed!

- Restores Color • Picks up Debris, Fallout, Insects, & Dirt Particles like a Magnet!
- Smooths paint like glass
- Preps paint before polishing

12oz. ....P/N 09-01059 .....\$24.95



## GLARE TIRE MAGIC

*"The ultimate all in one tire appearance protection product!"*

Glare Tire Magic will filter out harmful Ultra Violet Rays from the sun. Extreme temperature resistant formula for all climates. Stops tires from cracking and fading. Gives a beautiful rich natural high gloss finish. Splatter resistant formula. Easy to use - just spray and wipe!

16 oz.....P/N 09-01058 .....\$12.50



## GLARE KNOCK OUT!

*"Restores all paints, removes & reverses oxidation, and fills in scratches."*

– Glassplexin actually fills in the surface scratches and reverses oxidation to bring the painted surfaces to a new level of beauty not available with any other compounds. One step compound: NO WAX! NO SILICONE! NO POLYMER! • Great for all clear coats • Easy to apply. Works quickly! Saves time! • Removes swirl marks from all paint including clear coats • Preps paint with the most advanced ingredient - Glassplexin

12 oz.....P/N 09-01064 .....\$24.95



## GLARE TURBO ACTION WHEEL CLEANER

Glare Turbo Action Wheel Cleaner is the most powerful, effective, & fastest working wheel cleaner on the market. Safe for ALL types of wheels - Aluminum, Chrome, Magnesium - as well as clear coated & painted wheels. Makes your wheels look show room bright and shiny the easy and safe way. Removes and dissolves dirt, grime, brake dust, and grease. Spray on Glare Turbo Action Wheel Cleaner to dirty wheels & hose off with clean water to get your wheels looking like new again!

16oz. ....P/N 09-01063 .....\$12.50



## GLARE (GALLON) PROFESSIONAL POLISH · MICRO-FINISH · ULTRA WASH

**GLARE Professional Polish** – A non-stick high-gloss all-weather sealant. The finest polish for your car, airplane, boat, motorcycle, glass, stainless steel, fiberglass, chrome, Carbon Graphite, & RV in the world's market. Filters out UV Rays, turns to glass on and within your paint. Contains Glassplexin®. Bonds molecularly to your paint. The most revolutionary polish ever developed. Beyond 22nd century technology. Lasts up to 5 years.

**GLARE Micro-Finish** – *"We burn out the competition."* – A non-stick high-gloss all-weather sealant that lets paint breathe. Contains Glassplexin®. Ultimate scratch and oxidation removal for Cars, Planes, Boats, Motorcycles, Fiberglass, Plastic, Stainless Steel, Chrome & Polished aluminum. For use with GLARE Professional Polish.

**GLARE Ultra Wash** – *"Cleans your vehicle & keeps your shine"* – The most advanced wash ever developed. A PH balanced concentrated wash. Safe for all paints and finishes including the new clear-coated paints. New technology that leaves your vehicle clean and glossy like no other vehicle wash can. Contains Glasplexin®.

GLARE Pro Polish - Gallon .....P/N 09-01066 .....\$225.00  
 GLARE Micro Finish - Gallon .....P/N 09-01065 .....\$225.00  
 GLARE Ultra Wash - Gallon .....P/N 09-01060 .....\$135.00



# PLEXIGLASS RESTORATION - POLISHES



## MICROMESH WINDSHIELD SCRATCH REMOVAL KIT

Micro-Mesh is a cloth backed cushioned abrasive with a resilient layer of material between the back and the abrasive. When pressure is applied, the abrasive crystals recede into the resilient layer and find an even plane for cutting. The result is a smooth shaving

action with an ultra fine scratch pattern which restores scratched, discolored, or damaged fiberglass or acrylics to like-new condition. Kit includes everything needed to repair approximately 30 sq. ft.

- Standard Kit (restores up to 30 sq. ft.) .....P/N 09-24700 .....**\$19.80**
- Large Kit (restores up to 60 sq. ft.).....P/N 09-24701 .....**\$38.40**
- Professional Kit (restores up to 100 sq. ft.) ....P/N 09-24716 .....**\$62.00**



## MICRO-GLOSS POLISH

Micro-gloss is an outstanding companion product to Micro-mesh. This unique liquid removes hairline scratches, haziness, and halos untouched by other products. Micro gloss contains no filters or cover-ups that cause yellowing. One 8 oz. bottle of highly concentrated liquid will outlast equal amounts of other cleaners two to three times. Excellent for aircraft windows, aquariums, display cases, countertops and dust covers. Micro-gloss, a polish that really works on plastic & painted surfaces.

8 oz.....P/N 09-24710.....**\$8.80**



## MICRO-SURFACE WINDSHIELD RESTORATION KITS

These acrylic restoration kits are designed for use with standard power tools. Restore windshields and windows in your aircraft to like-new condition with just a few steps. Kits come with easy-to-read instructions.

**MAINTENANCE KIT** - Removes scratches, halos, & haze. Kit includes:

- 2 Cotton Flannel
  - 8 oz. Micro-Gloss
  - 5" TufBuf, all-natural lambswool Polishing Pad
  - 5" White Foam Sponge Pad
  - 5" Back-up Pad
  - 8 oz. Anti-Static Creme
- P/N 09-24715 .....**\$64.00**

**LIGHT DAMAGE REMOVAL KIT** - Removes minor scratches & scuffs.

- Kit includes: • (2) 11.5"x12"Flannel sheet
  - (2)5" Loop Back Discs, Micro-Mesh 1500
  - (2)5" Loop Back Discs, Micro-Mesh 2400
  - (2)5" Loop Back Discs, Micro-Mesh 3600
  - 5" TufBuf, all-natural Lambswool Polishing Pad
  - 5" White Foam Sponge Pad
  - 8 oz. Anti-Static Creme
  - 8 oz. Micro-Gloss
  - 2 Cotton Flannel
  - 5" Back-up Pad
- P/N 09-24720 .....**\$86.00**

**HEAVY DAMAGE REMOVAL KIT** - Kit includes:

- (5)5" Loop Back Discs, Wet/Dry 120 Grit
  - (5)5" Loop Back Discs, Wet/Dry 220 Grit
  - (5)5" Loop Back Discs, Wet/Dry 400 Grit
  - (2)5" Loop Back Discs, Micro-Mesh 1500
  - (2)5" Loop Back Discs, Micro-Mesh 2400
  - (2)5" Loop Back Discs, Micro-Mesh 3600
  - 5" TufBuf, all-natural lambswool polishing pad
  - (2) Cotton Flannel
  - 8 oz. Anti-Static Creme
  - 8 oz. Micro-Gloss
  - 5" Back-up Pad
  - 5" White Foam Pad
- P/N 09-24725 .....**\$97.25**

## MICROMESH POLYCARBONATE RESTORATION KIT

Excellent for restoring polycarbonate such as Lexan on aircraft, boats, cars, & motorcycles. Will restore up to 100 square feet material. Kit includes:

- 5" disc w/loop 2400 MicroMesh
  - 5" disc w/loop 3600 MicroMesh
  - 5" random orbital or drill back-up pad
  - 5"x 3/4" TufBuf lambswool polishing pad
  - (2)11.5"x 12" flannel sheets
  - 5" white sponge pad
  - 8 oz. Micro-Gloss #5
  - 8 oz. Micro-Gloss
  - 8 oz. Final Finish
- P/N 09-00490 .....**\$78.00**

## MICROMESH FINISHING KIT FOR WOOD



This kit is designed for craftsmen for use in hand finishing applications and without the mess of steel wool, rottenstone or pumice. MicroMesh may be used on bare or finished wood with wet or dry application method. A high reflective finish, satin or matte finish can be achieved, depending on how many MicroMesh steps are completed. This makes it an excellent product for spot matching of finishes. P/N 09-24705 .....**\$37.40**

## AEROSHELL FLIGHT JACKET™ PRODUCTS

Backed by proven Shell performance, the AeroShell® Flight Jacket™ appearance product line was developed specifically to protect your aircraft's interior and exterior. *The AeroShell® Flight Jacket™ Care Guide*, developed by experts, is an industry first. It will describe how to properly clean and detail your aircraft and you'll find information covering every step of the process.

*The AeroShell® Care Guide* ....P/N 09-00409 .....**FREE**



**AeroShell Flight Jacket Interior Cleaner** - (7.5-oz.) - Frees leather of ground-in dirt. Works well on vinyl, plastic, & rubber. Contains no silicone. P/N 09-00395 .....**\$7.30**



**AeroShell Flight Jacket Polish** - (16-oz. Bottle) - Protects painted and unpainted surfaces in one step. Deep shines. UV block. Commercial Aviation Certified. Contains no silicone. P/N 09-00392 .....**\$14.20**



**AeroShell Flight Jacket Interior Conditioner** - (7.5-oz. Bottle) Moisturizes and protects leather and vinyl from wear and UV rays. Dries without leaving an oily residue. No messy overspray. Contains no silicone. P/N 09-00396 .....**\$7.95**



**AeroShell Flight Jacket Plexicoat** - (16-oz. Bottle) - Increases visibility of aircraft windows. Protects Plexiglas and glass surfaces from UV yellowing and clouding. Removes and prevents light scratches. Commercial Aviation Certified. Contains no silicone. P/N 09-00393 .....**\$12.80**



**Oil & Exhaust Remover** - Non-abrasive formula removes exhaust residue without removing AeroShell Flight Jacket Polish or damaging paint. Safe for all paint surfaces. 16 oz P/N 09-00394 .....**\$9.75**



**AeroShell Flight Jacket Touch & Go** - (16-oz. Bottle) - Provides a quick and easy way to clean aircraft between flights. Removes bugs and dirt. Spot shines and protects all paint, Plexiglas, and glass surfaces. Contains no silicone. P/N 09-00398 .....**\$13.60**



**AeroShell Flight Jacket Microfiber Cloth** - (Package of 2 Cloths) - Used to apply and remove AeroShell Flight Jacket products. Lifts and carries dirt. Works well on aircraft windows, instrumentaion gauges & screens. P/N 09-00397 .....**\$13.85**



**AeroShell Flight Jacket Anti-Static Hand Pad** - (Package of One Pad) - Safe for application and removal of all AeroShell Flight Jacket products. Removes lint and dirt. Eliminates static build-up. P/N 09-00399 .....**\$6.75**

## SCRATCH OFF WINDSHIELD REPAIR KIT



Now you can polish away scratches and swirl marks on your Plexiglass windshield. **SCRATCH OFF** is a revolutionary new product designed to remove imperfections from Plexiglass surfaces. **SCRATCH OFF** can also be used on painted surfaces, fiberglass, Plexiglass and virtually any plastic surface. The standard kit treats one aircraft windshield, and the deluxe FBO size kit services several aircraft.

Standard Kit.....P/N 09-42600 .....**\$34.85**  
Deluxe Kit .....P/N 09-00252 .....**\$66.50**

## POLY-SAND SCRATCH REMOVER



This is the original Poly-Sand process. Consists of a series of cloth-backed cushioned abrasives which when used in proper sequence will restore the finish of plastics. Also used for fine finishing of wood and precious metals. Recommended by Rohm & Haas Co., manufacturers of Plexiglas. Kit includes series of Poly-Sand cushioned abrasive cloth tapes, all required accessories and instructions. PCA Kit #40 .....P/N 09-24800 .....**\$21.75**



# POLISHES – BUFFING PRODUCTS



## NOVUS PLASTIC POLISH #1 #1 CLEANS & PROTECTS

Novus Plastic Polish #1 gently cleans all plastics without scratching and leaves a lustrous shine that resists fogging, repels dust, and eliminates static. Leaves a shield that resists fingerprints and smudging, and is nontoxic and free of strong odors. Contains no abrasives or harsh chemicals.

8 Oz. ....P/N 09-38110 .....\$3.95  
64 Oz. ....P/N 09-38115 ....\$10.80



## NOVUS PLASTIC POLISH #2 RESTORES & REFINISHES

Novus Plastic Polish #2 removes fine scratches, haziness, and abrasions from most plastics. With repeated use, it will restore faded and discolored plastics. Contains mild abrasives, but is non-toxic and has no strong odor. Creates a deep shine which resists scratching, marking, and aging. 8 Oz. ....P/N 09-38120 .....\$5.50  
64 Oz. ....P/N 09-38125 ....\$21.85



## NOVUS PLASTIC POLISH #3

Novus No. 3 removes heavy scratches and abrasions from most acrylic surfaces. This is an aggressive polish and is not intended for use on coated plastics or polycarbonates. Requires both Novus No. 1 and No. 2 polishes for final finishing.

8 Oz. ....P/N 09-38130 .....\$6.30



## SUPERCOAT AIRCRAFT SURFACE TREATMENT

No washing or buffing - restores finish. Increases speed 5% or more true airspeed. Reduces drag and fuel consumption. Reduces risk of icing, removes and prevents oxidation. Cleans, glazes and seals all aircraft surfaces. Resists insect accumulation, protects against rust, stains, soils, salts and dirt.

Pint .....P/N 09-42480 ....\$18.95  
Quart.....P/N 09-42510 ....\$33.20



## SUPERCOAT LEATHER, PLASTIC & RUBBER TREATMENT

No need to wash or prepare. Cleans, conditions and restores. Protects & beautifies. Removes dirt and stains. Excellent on tires. Protects against stains, soils, oils, salt and dirt. Unaffected by temperature, weather or sunlight. Prevents cracking and deterioration.

8 Oz. ....P/N 09-42520 ....\$14.85



## SUPERCOAT AIRCRAFT WINDSHIELD TREATMENT

Supercoat Aircraft and Marine Windshield Treatment was developed for use in both interior and exterior surfaces of all transparencies, including windshields, windows, canopies, etc. It is a white liquid with a slight aromatic odor. This treatment eliminates small scratches, restores optical clarity, & protects against stains, soils, oils, snow, salt, and all dirt. It is compatible with all plastic transparent materials used in aircraft and marine applications.

8 Oz. ....P/N 09-42485 ....\$10.95  
Quart.....P/N 09-42490 ....\$29.95



## MICRO-POXY AIRCRAFT CLEARCOAT

Micro-Poxy is a hand applied micro film epoxy coating for use as a sealer, anti-corrosion, anti-salt, and UV barrier for aircraft. It is non-porous and high gloss, making it excellent for reducing parasite drag, contaminant adhesion, icing, & chemical attack. It inhibits surface deterioration, corrosion, and oxidation on urethane, lacquer, epoxy, acrylic, and enamel painted surfaces. Also excellent for protecting and restoring aircraft metals and alloys.

8 oz. Jar P/N 09-15560 ....\$21.40

## MEGUIARS SOFTBUFF FOAM BUFFING PADS

SoftBuff foam pads are safer than wool pads because they will not leave scratches or buffer swirl marks. When used to apply Meguiar's cleaners, polishes & waxes, these unique, fiber-free foam pads add incredible gloss and depth of color to all fiberglass & painted finishes.



**W-7000 8" Cutting Pad** - Offers aggressive cleaning ability without leaving swirl marks, scratches or other blemishes. Its quick-change anchor-loop backing matches up with all popular types of hook and loop buffer backing plates. P/N 09-23470 .....\$11.20ea



**W-9000 8" Finishing Pad** - The finest finishing tool to create the ultimate high gloss, swirl-free finish! Its quick-change anchor-loop backing matches up with all popular types of hook and loop buffer backing plates. P/N 09-23480 .....\$11.90ea



**W-65 6-1/2" Professional Backing Plate** - The perfect partner to all SoftBuff foam buffing pads with quick-change anchor loop backing. P/N 09-23490 .....\$17.28ea

## W-1000 8" & W-5500 5-1/2" Finesse Polishing Pads (with convenient screw-on backing plate)

Match up with any rotary buffing tool. Both multipurpose pads produce a swirl-free, high gloss finish with added depth of color and reflection.

W-1000 .....P/N 09-23510 ....\$12.70 ea  
W-5500 .....P/N 09-23520 ....\$13.30 ea

**W-6000 6" Dual-Action Finesse Polishing Pad (with built-in adapter)** - Turns any standard dual-action sander into a dual-action polisher. P/N 09-23530 ....\$12.70/ea

## Hi-Tech Sanding Backing Pad (E-7200)

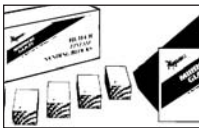
Makes repair work easy by distributing even hand pressure across the face of the paper. It's flexible and easy to use on curved or flat surfaces. P/N 09-23380 .....\$2.63ea

## AEROSUPER UV PROTECTANT/POLISH



AeroSuper UV® is an advanced Space Age, UV protectant, and polish specifically developed for use on "rag" covered aircraft surfaces. Also works great on traditional aluminum or metal painted surfaces. AeroSuper UV® contains the highest grade carnauba wax available, for a deep rich shine and luster! Contains fabric conditioners and dust repellents, which helps to condition sail materials while helping to fight dust. Available in liquid or gel, in 12oz. or 32oz. sizes.  
12oz paste ..09-00891 ....\$16.95 32oz paste ....09-00893 .....\$35.95  
12oz liquid ....09-00892 ....\$15.95 32oz liquid ....09-00894 .....\$34.95

## UNIGRIT™ SANDING PRODUCTS



Unigrut™ Finishing Papers & Sanding Blocks use precise, uniform grit particles to eliminate deep sanding scratches and the need for compounds. More economical to use because they work faster, last longer and won't load up as quickly as conventional sanding products.

FINISHING PAPERS				SANDING BLOCKS			
Grit	Sheet Size (in)	Part No.	Price Each	Grit	Block Size (mm)	Part No.	Price Each
1000	5.5x9	09-23580	\$0.68	400	60x30x20	09-23630	\$14.80
1200	5.5x9	09-23590	\$0.87	1000	60x30x20	09-23640	\$14.80
1500	5.5x9	09-23610	\$0.70	1500	60x30x20	09-23650	\$14.80
2000	5.5x9	09-23620	\$0.68	2000	60x30x20	09-23660	\$14.80

# CLEANERS – POLISHES



## CLEAR™ WINDSHIELD CLEANER

Specifically developed for aircraft windshields. Flight Bright® CLEAR™ provides optimum visibility without harming the windshield or paint. Features: • Easy to use • Streak-free • Anti-static • Non-abrasive • Prolongs windshield lifespan • Non-Yellowing Formulation

2.5 oz. .... P/N 09-00792 .....\$2.50  
 22 oz. .... P/N 09-00793 .....\$16.50

## FINAL APPROACH™ POLISH & SEALANT

Provides long-term protection and an impressive high gloss finish. No wax or free silicones. Safe for all types of paints, clear coats, graphics, fiberglass and plexiglass. Features: • Easy to apply • High gloss finish • Leaves no white powdery residue • Acid rain and sun fading protection.

P/N 09-00794 .....\$15.95



## ARRIVAL METAL POLISH

Arrival Metal Polish is a first-class liquid polish designed to give your aircraft a premium shine in no time. It is the ultimate polish for the restoration and maintenance of unpainted metals. Arrival also works great in the removal of rust and oxidation.

P/N 09-01090 .....\$13.95



## ILS™ INTERIOR LEATHER SYSTEM

Flight Bright® ILS™ uses a gentle balance of moisturizers and lanolin oils to nourish, preserve and enhance fine leather. With regular use, this conditioning cream penetrates and softens leather to prevent dryness and cracking. Yellow application sponge included. Features: • Moisturizes • Nourishes • Softens

P/N 09-00802 .....\$8.95



## PRE-FLIGHT™ WASH (Concentrate)

Highly concentrated, commercial-strength, gloss-enhancing wash. Contains no acids, silicones, waxes or damaging sodium chloride. Its thick foaming action delivers a thorough but gentle cleansing for any aircraft. Features: • Will not remove polish • Non-abrasive • Streak-free rinsing • Quick drying

Wash ..... P/N 09-00803 .....\$10.50  
 Gallon..... P/N 09-00804 .....\$65.00



## GEAR-UP™ EXHAUST & OIL REMOVER

Specially formulated to remove exhaust and oil from airplanes. Quickly cuts through carbon & grease. Solventfree, caustic-free GEAR-UP™ removes stains and ink from fine leather, upholstery & carpets. Features: • Cuts through grease & oil in seconds • Non-corrosive • Solvent-free.

2.5 oz. .... P/N 09-00795 .....\$2.50  
 22 oz. .... P/N 09-00796 .....\$14.50  
 1 Gallon .. P/N 09-00797 .....\$65.00



## TAKE-OFF™ BUG REMOVER

Specially formulated to soften and neutralize the acidic proteins found in bugs. TAKE-OFF™ safely removes bug residue without removing polish or damaging paint, clear coat, glass, plastic, metals & chrome. Features: • Powerful & effective • Will not remove polish • Excellent spot cleaner for bugs in-between regular washings • Ready-to-use as a pre-soak for bugs before washing

2.5 oz ..... P/N 09-00805 .....\$2.50  
 22 oz. .... P/N 09-00806 .....\$14.50  
 1 Gallon ..... P/N 09-00807 .....\$65.00



## GO-AROUND™ WATERLESS WASH & DETAILER

Gives your aircraft that just-polished, slippery feel and high-gloss wet-look! Fast and easy to use. Petroleum-free, silicone-free, Flight Bright® GO-AROUND™ safely removes dust, bugs and mild grime. Features: • Wont scratch, streak or smear • Anti-static gloss enhancer • Leaves no oily film

2.5 oz. .... P/N 09-00798 .....\$2.50  
 22 oz. .... P/N 09-00799 .....\$16.50  
 1 Gallon..... P/N 09-00801 .....\$74.00



## DRIVEN AUTOMOTIVE POLISH

Driven Automotive Polish is the most highly advanced formulation of premium grade polymer polish on the planet. It has a super high gloss wet look with incredible depth and clarity, the sheeting action reduces water spots that wipe clean. Nothing sticks. Harmful elements can't "bite in". Easy to apply in sun or shade. Can be applied to an entire vehicle before wiping off. Will not harden or cake. Long lasting. Holds up under intense heat from sun and severe winter cold for up to 1 full year. Maximum UV inhibitors prevent sun damage. Cleans surface contaminants and oxidation with no abrasives. Fills light swirl marks and leaves no residue. Repels water from windows in the rain without the use of wiper blades. Cleans brake dust from rims. Once applied, non-stick finish reduces brake dust build-up...entire vehicle stays clean longer. Paint life is dramatically extended by feeding with essential polymers & oils. Excellent for use on aircraft.

P/N 09-00776 .....\$14.95

## DRIVEN MARINE POLISH

Driven Marine Polish is the most highly advanced formulation of premium grade polymer polish on the planet. Sheeting action reduces water spots that wipe clean. Nothing sticks. Harmful elements can't "bite in". Easy to apply in sun or shade. Super high gloss wet look with incredible depth & clarity. Long lasting. Holds up under intense heat from sun and severe winter cold for up to one full year. Maximum U.V. inhibitors prevent sun damage. Finish life is dramatically extended by feeding with essential polymers & oils. Contains no abrasives. Excellent for use on aircraft.

P/N 09-00777 .....\$15.95



## DRIVEN QUICK SPRAY CONCENTRATE

Driven Quick Spray Concentrate is a highly concentrated, biodegradable solution, not only cleans water spots, it brightens and enhances the finish while strengthening Driven's legendary non-stick protection with each application. It's also remarkably economical. Just add water and make 4 qts of fluid for every pint of concentrate. Once activated by water, it works by combining biodegradable cleaners, the power of citrus, and a full spectrum of essential polymers and oils. Driven's high lubricity formula actually encapsulates water spots, dust particles, fingerprints and other fresh surface contaminants, allowing them to be wiped away without streaking. Unlike other "Water Spot Removers", Driven Quick Spray Concentrate will not strip polish or wax. And it won't stain rubber or vinyl. Quite the contrary, this formula deepens and enriches all hard surfaces, adding brilliance and protection to your finish. Excellent for use on aircraft.

P/N 09-00779 .....\$15.95



## DRIVEN WASH CONCENTRATE

Driven Premium Polymer Wash safely cleans all automotive and marine finishes without stripping polish or wax. Activated by water, this unique combination of cleaning agents foams away surface contaminants while brightening and nourishing the finish with a full spectrum of protective polymers. Biodegradable. pH balanced. Safe for clear coat and fiberglass gel coat. Super concentrate provides more washes per bottle. Sheeting action is highly effective in the reduction of hard water spots. Can be used in hard or soft water. Rich foamy lather. Will not streak. Brightens and extends polish protection and shine. Excellent for use on aircraft.

P/N 09-00780 .....\$11.95



## DRIVEN PROTECTOR

Driven Vinyl/Rubber/Leather Protector is a Premium Polymerbased cream that conditions, preserves and protects new and old vinyl, rubber and leather leaving them naturally soft and supple without being slippery or greasy. This conditioning formula feeds and nourishes new vinyl, rubber and leather with a full spectrum of rich gels, protective polymers and U.V. sunscreens. It also rejuvenates old and neglected surfaces that have dried and faded due to weather, exposure and the sun's damaging rays. Excellent for use on aircraft.

P/N 09-00781 .....\$15.35



## DRIVEN FINISH RESTORER

Driven Finish Restorer promises & delivers unparalleled performance. This dramatically different premium grade glazing compound was designed using only the very highest quality of ultra fine micro abrasives to achieve world class results. These precision abrasives with numerous exterior facets and extremely sharp edges are the critical element for safe removal of oxidation, heavy water spots, surface contaminants, stains and light surface scratches. Driven Finish Restorer simultaneously feeds the finish with a full spectrum of essential polymers and oils resulting in a phenomenal shine. Safe for all automotive and marine finishes including paint, clear coat, fiberglass gel coat and all types of metal. This unique combination of safe cleaning and nourishing is sure to bring out the very best in your finish. Excellent for use on aircraft.

P/N 09-00778 .....\$15.95



## FLIGHT LINE KIT

The complete Flight Line Kit comes with a custom-made, compartmentalized, easy-access, leak-proof gear bag. Each of the following Flight Bright® products are included: \*CLEAR™ Windshield Cleaner \*FINAL APPROACH™ Polish & Sealant \*GEAR-UP™ Exhaust & Oil Remover \*GO-AROUND™ Waterless Wash & Detailer \*ILS™ Interior Leather System \*PRE-FLIGHT™ Wash Concentrate \*TAKE-OFF™ Bug Remover \*AIRCRAFT WINDSHIELD WIPES \*ANTI-STATIC HAND PAD \* MULTI-FIBER POLISHING CLOTH \*Also included is a Flight Bright® T-Shirt.

P/N 09-00808 .....\$125.00

**AIRCRAFT SPRUCE WEST**  
 CORONA, CA • (877) 4-SPRUCE

**346**  
 Prices Subject to Change Without Notice

**AIRCRAFT SPRUCE EAST**  
 PEACHTREE CITY, GA • (877) 477-7823

CS

# TOWELS — CLEANERS

## MICROFIBER CLEANING TOWELS



These non-abrasive, super absorbent cleaning towels are excellent for cleaning plexiglass, rotors, props, and fronts of aircraft to remove bugs and dirt without fear of scratching. Microfiber needs only water to work due to it's unique construction. Used extensively on aircraft, boats, RVs, and motorcycles. Available in Terry style (16"X16", blue) and in Chamois style (16"X 24", gold).

Terry style .....P/N 09-00272 .....\$2.75 ea  
Chamois style .....P/N 09-00273 .....\$6.65 ea



## KIMTEX SHOP TOWELS

The heavy-duty oil and solvent disposable wiper to replace cloth. Excellent for machine shop use.  
#33560 .....P/N 09-30600 .....\$0.20 ea.



## MICROFIBER CLEANING CLOTH

Our microfiber cleaning cloth will clean all hard surfaces to a streak-free brilliance without chemicals. No cleaning agents, soap, or detergent is needed; just the cloth and water. Simply wet the cloth, wipe the surface, and the cloth leaves a

brilliant surface that air-dries in seconds. Machine washable and reusable for countless applications. Removes grease, dirt, and dust. Excellent for cleaning the aircraft windshield and on leading edges for bug removal. 13"x 20" cloth .....P/N 09-00191 .....\$9.20 ea

## AERO WIPEASE



### AERO WIPEASE SILVER-CHROME-COPPER WIPES

- A new convenient and easy way to clean and shine all the Chrome, Silver, Copper, Steel and metal surfaces on your aircraft. With brightener and corrosion inhibitor, anti-static and lint free, provides excellent polishing and restoring. Keeping your aircraft looking like new. Moisture Lock Lid. 35 Wipes.  
P/N 09-01237 .....\$6.95

**AERO WIPEASE CABIN & INTERIOR WIPES** - A new convenient and easy way to clean and shine your aircraft or boat cabin and interior. Anti-static and lint free with UV protection to use on Plastic, Glass, Vinyl, Trim, Dash, Laminated Wood and Leather. Keeping your aircraft or boat looking like new also works well on your automobile. Moisture Lock Lid. 35 Wipes.  
P/N 09-01238 .....\$6.95

**AERO WIPEASE GLASS COCKPIT & AVIONICS WIPES** - A new convenient and easy way to clean your glass cockpit and avionics. Removes finger prints, smudge, dust and dirt. Anti-Static and lint free, safe to use on all Radar, LCD display, GPS, Touch Screen, Laptop and Multi Function display. Perfect size to fit in your flight bag. Moisture Lock Lid. 35 Wipes.  
P/N 09-01239 .....\$6.95



## SONTARA AIRCRAFT WIPES

Tough Dupont Sontara® AC™ aircraft wipes are the smart choice for both aircraft manufacturing and maintenance. Their strength and durability make them ideal for a wide variety of general purpose & pre-paint applications. Sontara® AC™ wipes leave surfaces clean because they're extremely low-linting. Tackles tough cleaning agents without falling apart. every Sontara® AC™ is clean right out of the box. No chemical residues or stains. Sontara® is specially engineered to resist snagging on metal parts and corners. Superior to paper wipes which snag & tear. Outperforms cheesecloth which leaves strings behind when it snags on a rivet. Sontara® AC™ is great for wiping surfaces dry because it contains no additives that hamper absorbency.

9" x 16' Wipes (Box of 100) .....P/N 09-00369 .....\$14.60  
12" x 16' Wipes (Box of 125) .....P/N 09-00368 .....\$39.20



## LAN-LIN HAND CLEANER

All-purpose hand cleaner for really dirty hands. Lan-Lin's scientific emulsion liquifies quickly, gets down into deep skin crevices and removes grease, paint, grime. Recommended for use after working with epoxies to replenish skin oils. Just rub Lan-Lin on, rinse, & wipe the dirt away.  
M10-74 4.5lb. Can (fits M10D dispenser) ....P/N 09-00342 .....\$7.40  
M10D Dispenser .....P/N 09-00343 .....\$12.70



## NEVR-DULL WADDING POLISH

Cleans and polishes all metals including: Silver, gold, brass, copper, pewter, glass, steel, aluminum & chromium. Nev-Dull removes rust and tar from automobile and motorcycle chrome. Excellent for Mag & chrome wheels, boat fittings, workshop tools, fishing gear, sinks, showers & campers.  
5 oz. ....P/N 1035605 .....\$7.80



## TIRE CLEANER

Dissolves grease, oil and road grime. Unique optical brighteners whiten white walls and leave tires with even, natural, black luster. No harmful bleaching agent.  
18 oz. ....P/N 1060618 .....\$7.65



## WAX AS-U-DRY

After washing your aircraft leave it wet, then spray Wax-As-U-Dry on the surface. After the water sheets away, you dry the surface with a chamois towel. The result is high gloss shine without spending the afternoon buffing. A one step spray wax is a blend of water reactive polymers and waxes that are safe for all painted surfaces, windows, trim & wheels.  
P/N 09-00370 .....\$7.70

## PREMIUM LEATHER CARE PRODUCTS



Perrone's Leather Cleaner and Conditioner is a premium blend of gentle cleansers and light conditioners formulated to clean and rejuvenate finished leather, vinyl and plastic surfaces. Removes dirt, dust, and oils without drying or damaging the surface. Helps protect leather from weathering and fading. Leaves leather surfaces soft, supple and smelling like new again. The wipes are treated with the same leather cleaner/conditioner as in the spray bottle. Perrone Leather Cleaner/Conditioner products create an invisible barrier between leather seat covers and soils. This quick, convenient and cost effective method of reducing ink stains, dirt, grease, and body oils from penetrating leather surfaces will add to the longevity and appearance of your aviation leather interior without any adverse effects on flammability.

32 oz. with trigger sprayer .....P/N 09-00557 .....\$14.85  
1 Gallon refill .....P/N 09-00558 .....\$38.85  
Sontara Wipes (45 sheets) .....P/N 09-00559 .....\$30.60



## MEGUIAR'S GOLD CLASS ALL PURPOSE CLEANING WIPES

Meguiar's combines its strongest cleaning and degreasing formulas in a disposable wipe. Designed for multi-surface use including vinyl, metal, rubber, chrome, plastics & fabrics, Meguiar's Gold Class wipes are environmentally safe, non-abrasive and non-toxic. Packaged 25 to a container, the 7"x 9" wipes store easily in gloveboxes, trunks or bulkheads. They are powerful enough to clean road grime from wheels and engines, or salt spray from fiberglass hulls, yet safe on hands. P/N 09-00410 .....\$6.30



## PROTECT ALL POLISH

Protect-All makes everything look better - cleans and polishes in one easy step. Works on vinyl, rubber, plastics, painted surfaces, fiberglass and chrome. Use Protect-All on the entire aircraft, inside and out, including windshields.

6oz. spray can ..09-00556 ....\$5.90 13.5oz. spray ....09-24900 .....\$8.75  
16 oz. Trigger ..09-00597 ..\$12.95 32 oz. trigger ....09-00598 .....\$21.45  
1/2 Gallon Jug ..09-00599 ..\$32.55 1 Gal. Jug .....09-00601 .....\$42.85



## PROTECT ALL QUICK & EASY WASH

Quick & Easy Wash is a non-abrasive, anti-static, water repellent wash that replaces soapy detergent products and eliminates rinsing when washing aircraft and other surfaces. No hose is needed. Quick & Easy Wash conserves water. Removes oxidation, stains and heavy grime with a strong cleaner or polishing compound before using Quick & Easy Wash for the first time. From then on use 1/2 oz. (1 capful) of Quick & Easy Wash in a bucket with 2 qts of water for an average size plane. Use 1 oz per gal. for larger aircraft Quick & Easy Wash loosens & lifts dirt eliminating the need to rinse with water. Wash a section at a time then just chamois, towel or squeegee dry! Wash any airplane wherever it is parked. This is especially important where water use is restricted. Because you don't need to rinse you can wash in your hangar and airplane tie-downs.  
P/N 09-00410 .....\$6.30



# CLEANERS – POLISHES

## PPC AIRCRAFT CLEANERS

### PERFECT DETAIL™ SURFACE ENHANCER



Perfect Detail™ is the nation's leading choice for producing "wet look" shine! A light mist instantly produces maximum depth of gloss and flawless glassy brilliance on clear coat, black, and all other paint finishes. It works especially well on all other non-porous surfaces (such as chrome, glass, etc.) while lightly cleaning and accenting soft surfaces such as vinyl, rubber, and leather. For engine detailing Perfect Detail™ can't be beat! Perfect Detail™ is anti-static and slippery, enabling it to resist dust, dirt, and abrasion better than any product.

18 oz .....P/N 09-00165 .....\$6.95  
 1 Gallon .....P/N 09-00166 .....\$30.20

### BELLY WASH™ DEGREASER



Water-based BellyWash™ is highly concentrated for versatility and cost-effectiveness in any aircraft surface maintenance situation. It can be applied in any manner – spray, brush, wipe, power washer, etc. – and can be diluted with water by as much as 80:1 for routine cleaning in commercial application. Stubborn stains are dissolved almost on contact using full strength Belly Wash™, making it perfect for keeping troublesome aircraft bellies and wheel well areas in like-new condition. When used to remove concealing grime and petroleum-based residues from the aircraft engine area, Belly Wash™ makes it possible to perform a more thorough inspection when checking for potential maintenance problems.

18 oz .....P/N 09-00168 .....\$8.70  
 1 Gallon .....P/N 09-00169 .....\$42.70

### WING CLEAN™ LEADING EDGE CLEANER



One major performance factor the aircraft owner/operator can improve upon is complete removal of all parasitic drag resulting from impacted air debris on the leading edges. Wing Clean™ is specifically formulated to both safely and effectively dissolve the problem. Wing Clean's™ water-based non-solvent "spray-soak-rinse" application dramatically improves an aircraft's flight-ready condition. Routine use of Wing Clean™, in series with PPC's Perfect Detail™ and/or Prestige Protective Polish, produces a microcellular separation barrier on leading edge surfaces, making future bug removal a progressively easier task.

18 oz .....P/N 09-00170 .....\$7.65  
 1 Gallon .....P/N 09-00171 .....\$23.40

### CRUD REMOVER™



Crud Remover – made with water – is an environmentally safe replacement for heavy-duty petroleum cleaning solvents. It's extremely powerful degreasing and defatting abilities enable it to dissolve diesel fuel, soot, and oily deposits on contact, grease and heavy grime in seconds, and virtually any stain from any surface – including cloth – in a matter of seconds! It also loosens bolts. It can be applied in any manner – spray, brush, wipe, or soak – and simply rinses off with water.

18 oz .....P/N 09-00172 .....\$5.60  
 1 Gallon .....P/N 09-00173 .....\$27.50

### FORMULA 2™ CLEANER/PROTECTANT



Formula 2™ Cleaner/Protectant is a chemically unique multipurpose liquid which thoroughly cleans, beautifies, and protects all leather, rubber, vinyl, and finished wood products in one easy sstep with no greasy film! Due to its unique chemistry, Formula 2™ can also be used on painted and plastic surfaces. When applied sparingly to such surfaces it dries to a slick smooth, invisible coating resistant to mud, fingerprints, food splatters, soap scum, water spotting, etc. On leather, rubber, and vinyl Formula 2™ first dissolves away imbedded grime, then penetrates and softens the material to give it new life and flexibility, at the same time providing a lustrous, weather-resistant finish to prevent future deterioration.

20 oz .....P/N 09-00174 .....\$7.60

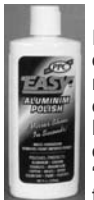
### PRESTIGE™ PROTECTIVE POLISH



Prestige™ Protective Polish is a unique liquid polish that bonds a tough, glassy, semi-permanent clear reflective coating onto any hard non-porous surface. Chemically unlike any other product, Prestige™ is a carefully-formulated combination of concentrated cleaning agents, specially developed polishing ingredients, and catalyzed weather-resistant, UV absorbing sealants which give it outstanding durability and distinctive brilliance. Prestige™ Protective Polish cannot crack, peel, or yellow, and withstands temperature extremes of -60°F to 400°F. Bugs, tar, and other contaminants wipe or wash off easily.

12 oz .....P/N 09-00176 .....\$11.35

### EASY™ ALUMINUM POLISH



Easy™ Aluminum Polish is a unique liquid formula that produces a "mirror-like" shine in seconds on smooth aluminum, magnesium, stainless, brass, nickel, etc. Its ability to melt oxidation and simultaneously bring up the metal's true brilliance can't be matched by any other polish. The application of Easy™ allows its exclusive acrylic polymer barrier to "lock" onto the metal's polished surface to resist staining, tarnish, and weathering effects indefinitely. The fine "mirror" finish can easily be maintained with a quick "touch up" application of product as desired.

8 oz .....P/N 09-00177 .....\$8.10

### REAL™ WHEEL CLEANER



Real™ Wheel cleaner is the first detergent-based single product able to clean brake dust and corrosion from any type wheel in seconds! It works on contact to remove corrosion from older unfinished or neglected metals (aluminum, copper, brass, bronze, zinc) and is great for antique restoration. Real™ Wheel Cleaner's exclusive detergent action saves both time and money when detailing any vehicle.

18 oz .....P/N 09-00178 .....\$6.70

### NATURALLY NEW™ TIRE DRESSING



Naturally New™ Tire Dressing utilizes PPC's advanced water-based polymer technology to produce an effective, cost-efficient dressing that actually protects rather than destroys the integrity of the sidewall. Naturally New™ exactly describes the lustrous sheen imparted on contact with this instant action formula. The dry, semi-permanent barrier is both water repellent and resistant to dust, dirt etc. Naturally New™ Tire Dressing adds maximum beauty while conditioning to keep that "new tire" look during the treadlife of the tires

18 oz .....P/N 09-00179 .....\$6.80

### MARVEL DRY WASH & POLISH



Marvel is a high-grade protector and restorer. Removes oxidation, fuel stains, soil, insects and exhaust deposits. Marvel retards corrosion, resists stains and prevents paint deterioration.

1 Gallon .....P/N 13-00030 .....\$31.95

### KLEEN JET CLEANER & DEGREASER



Kleen Jet is a biodegradable aircraft industry cleaner and degreaser. It is a water-soluble, non-flammable, non-toxic concentrate that leaves no oily film or residual gumminess. Removes carbon, oil, grease, insects and inhibits corrosion and rust.

1 Gallon .....P/N 13-00029 .....\$18.95

### BIG ORANGE PLUS



A citrus scented degreaser and cleaner designed for the aircraft industry. This surface degreaser is non-irritating but will remove heavy encrustations. Big Orange Plus combines solvent power with an emulsifier system that removes SKYDROL, hydraulic fluids, fuel stains, exhaust soot.

1 Gallon .....P/N 13-00031 .....\$18.95

### FLEET WASH



Fleet Wash aircraft wash and wax is an effective cleaner that leaves a wax-like surface on the washed aircraft. Contains a high percentage of W-300. Fleet Wash leaves a high luster, water-repellent surface which helps to repel dust.

1 Gallon .....P/N 13-00032 .....\$18.95

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# POLISHES – WAXES – CLEANERS

## JET STREAM AVIATION PRODUCTS

### POWERFOAM SPRAY & WIPE FOAM CLEANER



An exterior and interior spray and wipe cleaner. On aircraft exteriors, Powerfoam will effectively clean carbon exhaust, engine cowlings, oil and bugs. Excellent for use between wash jobs as a "trip ready" wipe and cleaner. On aircraft interiors, Powerfoam will completely clean smudge marks, nicotine stains, fingerprints and food stains. Can also be used on leatherette, sinks, table tops, woodwork, stainless steel, lavs, painted or similar surfaces.

19 oz. Can .....P/N 09-37970 .....**\$8.85**

### SUPREME GLAZE AIRCRAFT FINISH TREATMENT



SUPREME GLAZE Aircraft Finish Treatment is a semi-flowing paste wax that Cleans, Shines, Resurfaces, Seals and Protects all aircraft painted surfaces while bringing out the brilliance of the original color. SUPREME GLAZE safely removes light to medium oxidation and scratches. Excellent for use on carbon exhaust stains associated with aircraft. SUPREME GLAZE contains color brighteners and protects against oxidation, salts, UV rays, hydraulic fluid, insect residue, acid Rain and other perils of daily use.

16 oz. Bottle .....P/N 09-37980 .....**\$12.90**

### FLYERS SPEED-WAX WATERLESS DRY-WASH



"Flyers" Speed-Wax is a specially formulated WATERLESS aircraft polish and high gloss protectant DRY-WASH. This product is Carnauba Rich and is easy-on, easy-off. With "Flyers" Speed-Wax there is no need to pre-clean any surfaces before using. Due to EPA regulations, cleaning aircraft with soap and water is becoming more and more regulated. "Flyers" Speed-Wax is Jet Stream's answer to the ever increasing EPA regulations. This product will allow you to clean your aircraft in a reasonable amount of time, leaving the surface of your aircraft highly protected.

16 oz. bottle .....P/N 09-42015 .....**\$15.95**

### JET STREAM METAL POLISH



This polish will clean, restore, polish and protect bare aluminum skin, leading edges, stainless steel, spinners, propellers, windshield retainers interior cabin surfaces plexiglass windshields and helicopters. The polish is safe for the environment and for human hands. It is water soluble and has a pH balance of 7. The polish will also help restore painted surfaces and acrylic plastics. The product is actually a three-step process. The wax-like polish is applied with only light to moderate force, and then quickly rubbed off. The next step is the "swirl remover" which involves rubbing a piece of impregnated cotton across the polished area. Finally, household flour is sprinkled over the surface and wiped off with terry cloth.

1 Lb. can. Polish .....P/N 09-41713 .....**\$43.60**

Mirror Image 5 oz. roll Swirl Remover .....P/N 09-41715 .....**\$18.40**

### AIRCRAFT SQUEEGEE 22" WATER WAND



An inexpensive double moss rubber aircraft squeegee. Will remove water from uneven surfaces. Absolutely a necessity when drying aircraft. This 22" squeegee is safe for all aircraft surfaces and will prevent scratching the paint. You will save time and dozens of wet towels while completely drying any aircraft in just minutes.

P/N 09-42025 .....**\$16.95**

### BUFFING / POLISHING PADS



We are now offering buffing and polishing pads. These pads are made from 100% virgin wool with 1-1/2" pile. The buffing pad can be used for all your brightwork and paint polishing needs. These pads will cut through oxidation quickly and wear evenly for extremely smooth buffing. Pads can also be washed and re-used multiple times for long lasting life.

P/N 09-42035 .....**\$11.70**

### BUFFING PADS SPUR / CLEANER

A must tool when buffing or polishing. The buffing spur is used for cleaning your buffing pad when polishing. When you polish, your pad fills up with polishing compound buildup not allowing your pad to perform properly. The spur quickly & efficiently removes this buildup restoring your pad to it's full potential.

P/N 09-42045 .....**\$12.95**

### FLITZ FIBERGLASS / PAINT RESTORER



Flitz Fiberglass/Paint restorer safely cleans, polishes, and protects fiberglass, plexiglas, painted surfaces, and plastics. It removes rust, oxidation, tarnish, and tar. It will not harm gel coat or clear coat, anodized or polished aluminum, stainless steel, brass, copper, chrome, and more. Contains no ammonia or abrasive.

8.5 fl. oz. ....P/N 09-42225 .....**\$14.40**

### FLITZ LIQUID WAX

This natural wax protectant contains 40% Carnauba wax to enhance and protect all surfaces against the elements. Excellent for use on the Imron and Clear Coat aircraft paint finishes, especially to protect against heat discoloration.

Size: 8.5 Oz. ....P/N 09-42416 .....**\$13.40**



### FLITZ ALUMINUM & FIBERGLASS POLISH



Flitz is a non-abrasive metal polish which can be used on all metal surfaces including polished aluminum, painted surfaces, and fiberglass. It is easy to apply and remove, and leaves a protective film to protect shiny surfaces up to 4 months. A very popular multi-purpose polish.

1.76 oz. Tube .....P/N 09-42405 .....**\$8.60**

2.2 Lb. Can .....P/N 09-42415 .....**\$37.60**

### FLITZ POLISHING AND BUFFING BALL



The Flitz 8" Polishing & Buffing Ball is made of a viscos material which is a cooling material vs. lambs wool or cotton which is a heating material. This way it doesn't burn the paint and can be used to buff leading edges without having to tape them. This ball works wonders with Flitz Products and makes polishing much easier, faster and more effective in less than half the time. It fits all drills and air tools and will buff out scuffs, oxidation, tarnish, pitting, corrosion on all metals, paints, fiberglass, plastics, and wood. Re-usable & washable.

P/N 09-00554 .....**\$28.70**

### FLITZ MICROFIBER CLOTH



The Flitz microfiber cloths are 30 times finer than cotton and are great for buffing out waxes and polishes by hand. They will wash windows without chemicals (just use water) and will not streak or leave lint. Size: 16"x16".

P/N 09-00556 .....**\$5.90**

### KOZAK SUPER DRY WASH



Use on metal, painted, or buffed aircraft surfaces to clean and maintain a beautiful shine. Good on spinners and prop blades too! Made from specially woven cotton fibers with a unique cleaning formula that lifts loose dirt and dust up and away from the surface. Use every time you fly to maintain a shine all year round! Reusable more than 50 times.

P/N 09-00345 .....**\$9.95**

### SUPER SHINE SPRAY CLEANER & PROTECTOR



Super Shine is a no-run, all purpose spray cleaner and protector. Just spray on Super Shine and let its foaming action lift off dirt and grease from all washable surfaces. Surfaces stay cleaner longer, while fogging and static build-up is eliminated. Ideal for use on plastic windows. Plexiglas, windshields, vinyl, leather, glass, tires and trim, chrome, fiberglass, acrylics, veneers, and painted surfaces. Non-toxic and meets California Clean Air Act. Widely used in aviation, racing/automotive, motorcycle, & marine industries.

15 oz. Spray Can .....P/N 09-42580 .....**\$6.35 ea**

### PATRIOT "SPRAY WAX" WATERLESS DRY WASH



Patriot produces a deep lustrous shine and protects with Brazilian Carnauba & DuPont Zonyl. Makes hand waxing fast and easy while beautifying all aircraft painted surfaces. Patriot offers maximum gloss, durability and longevity also. Can also be sprayed directly onto aircraft surfaces to be cleaned or directly to a damp rag & applied by hand. Simply wipe on and wipe off for easy, quick and unbelievable results. Patriot is the newest product in our line of dry washes.

P/N 09-00530 .....**\$12.95**

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# POLISHES – CLEANERS - POLISHERS

## CYClo ORBITAL POLISHERS FOR AIRCRAFT



Exclusive Cyclo polisher with dual orbital action heads. The overlapping motions simulate gentle hand-rubbed quality and eliminate the danger of heat buildup or swirl marks. Exceptional stability & smooth operation. Responds to the pressure applied & polishes/scrubs/sands painted or unpainted surfaces with maximum safety and efficiency. Lightweight and excellent balance enable the operator to work around complex curves, large areas and lower contours. Changeable bonnets or velcro discs, pads and brushes. It's ideal for safely removing scratches and polishing large areas such as wings and fuselages. Its 4" heads also enable the user to work around curves & smaller areas such as leading edges, cowlings, pops, flaps, etc.

## ELECTRIC POLISHER

**Model #5:** 115 Volts 60 cycle 1/3 H.P. 3 Amp - **Model #5C:** 230V 50 cycle 1/3HP 1.5 Amp (Complies w/export specs) **RPM:** 2800 to 3200 **Weight:** 6-1/2 lbs. (2.9 Kg) **Electric Cord:** 6' long, non-marking, 18/3 SJT, 3-prong plug.

Model #5 (115V).....P/N 09-35715 .....\$257.95  
Model #5C (230V) ....P/N 09-35720 .....\$304.95

## PNEUMATIC POLISHER

The pneumatic model has the same features as our electric polisher. Additionally, the pneumatic polisher features variable speed control, smooth operation and air-cooled user comfort. **Model #11A Air Pressure:** 90 PSI **Max. H.P.:** 0.46 **Max. Speed:** 3200 RPM **Air Consumption Min:** 12-14 CFM **Wt Net:** 7.25 lbs. (3.2 Kg) **RPM at 90 PSI:** 2900 **Requires:** In-Line Air Filter, Regulator & Lubricator, **Recommended Hoses:** 3/8" with 3/8" to 1/4" NPT Adaptor at the air inlet to the tool. P/N 09-35725 .....\$607.00

## CYClo POLISHER BONNETS

**Wool Pile Bonnet** - Bonnet with rubber base - 50/50 blend of 1-1/2' long wool and polyester fiber. Recommended for heavy-duty jobs.

With Velcro.....P/N 09-35727 .....\$3.95  
Without Velcro .....P/N 09-35700 .....\$5.10

**Glazing Bonnet** -White poly foam bonnet with rubber base for glazing/waxing after surfaces are deoxidized and prepped.

With Velcro.....P/N 09-35735 .....\$2.95  
Without Velcro .....P/N 09-35736 .....\$5.95

**Deoxidizing Bonnet** -Green poly foam bonnet with rubber base. Used for de-oxidizing and/or applying a cleaner/polish.

With Velcro.....P/N 09-35732 .....\$3.50  
Without Velcro .....P/N 09-35711 .....\$5.80

**Terry Cloth** - Fits over wool pile bonnet for cleaning headliners or leather or vinyl seats. P/N 09-35755 .....\$3.85

## ULTRA SOFT UPHOLSTERY GRAY BRUSH



The ends on the 8 mil poly bristles have been split to create multiple fine tips. Because of this "flagging", the brush is far less likely to untwist the weft of carpets and it will carry more soap and water than non-flagged bristles. This is Cyclo's latest aggressive brush. Excellent for leather, headliners, fragile upholstery and natural fiber-fine carpets. The bristles are 3/4". P/N 09-00689 .....\$19.95

## SOFTER CARPET AQUA BRUSH

As the name implies, this brush is great for cleaning carpets. It also works very well on upholstery. It is similar to the standard Cyclo shampoo brush, but has slightly softer bristles.

P/N 09-00690.....\$19.95



## HYDRASOLVE



Hydrasolve is a thickened, heavy duty, water soluble gel degreaser formulated for efficiency and performance in a broad range of cleaning and degreasing applications. It will easily and safely remove carbon exhaust, exhaust tracks, hydraulic fluid, thrust reversers, soot areas, oil & bugs. Hydrasolve is a gel product that clings to the surface being cleaned and has the ability to rinse spot free. It will not smear, but lift and suspend soils, making rinsing easy & complete. Meets Boeing & McDonnell Douglas approvals. 1 gal. ....P/N 09-00528 .....\$21.95  
5 gal. pail ....P/N 09-00529 .....\$79.75

## CYClo POLISHES AND CLEANERS

**Pre Seal Liquid** - Poly Cracker Cleaner/Deoxidizer is a blend of solvents & fine compounding materials for paint with light to medium oxidation. For more aggressive compounding use Free-Flite paste. Do not use on clear coats. ....  
Gallon P/N 09-00413 .....\$64.00  
16 oz. ....P/N 09-00414 .....\$9.80

**Hi Lites** - "High Poly" cleaner/polish - A brilliant blend of 5 silicones to give 6 to 12 months of protection. For lightly oxidized vehicles. Deoxidizes and polishes in one step. The finest that money can buy

Gallon.....P/N 09-00416 .....\$46.30  
16 oz. ....P/N 09-00417 .....\$12.60

**Seal Glaze** - "High Poly" Sealant - A combination of 5 reacted silicones and one resin, designed to give 12 to 18 months of durable protection and brilliant gloss. For that "showroom shine" on all painted finishes. For new cars or vehicles that have been thoroughly "prepped".

Gallon.....P/N 09-00418 .....\$64.00  
16 oz. ....P/N 09-00419 .....\$12.50

**Carnu Clear Coat** - A one step cleaner/polish for clear coat finishes. Combines micro fine deoxidizing elements with the same long lasting high gloss silicones contained in Hi Lites.

16oz. ....P/N 09-00420 .....\$9.80

**Chrome Brite Cleaner/Polish** - Specially formulated for bare metals. Great for stainless steel, chrome, & aluminum.

16oz. ....P/N 09-00422 .....\$9.70

**Free-Flite Metal Cleaner/Polish** - An excellent rubbing compound for badly oxidized aluminum and paint (not clear coats). For best results use only a small amount at a time, Contains a small amount of silicone for easy rub out.

Liquid, gallon .....P/N 09-00423 .....\$44.60  
Paste, 1 quart .....P/N 09-00424 .....\$14.10  
Paste, 5 gallon .....P/N 09-00425 .....\$101.95

## CYClo POLISHER ACCESSORIES

Ref.	Description	Part No.	Price ea.
E	Wool Pile Disc	09-35727	\$3.95
F	Pad Holder	09-35730	\$9.00
G	Green Foam Disc	09-35732	\$3.50
H	White Foam Disc	09-35735	\$2.95
I	600-Grit - Cut Pad	09-35737	\$1.15
J	Scrub Brush	09-35740	\$18.50
K	Shampoo Brush	09-35742	\$19.50
L	Flat Wrench	09-35745	\$4.95

## FAST WING PAINT SEALANT



T-500 Paint Sealant with PTFE-M is more than a wax or polish. T-500 provides a tough, long-lasting, mirror-like finish that protects paint longer. Works great on aircraft, cars and boats. Fast Wing will increase performance by reducing parasitic drag. The performance of the aircraft actually increased due to the slick surface the Teflon Sealant left on the paint. 100% Satisfaction Guaranteed. 16 oz. (1 pint).....P/N 09-00186 .....\$17.95

## FAST WING VINYL & LEATHER



Fast Wing T-600 vinyl & Leather Protector wipes dry leaving that lustrous new look finish. It creates an anti-static surface that helps repel dust and dirt, without leaving an oily residue. Fast Wing T-600 leaves a non-glare finish that is especially important to pilots and race car drivers.

16 oz. (pint) .....P/N 09-00188 .....\$6.95

## FAST WING CLEANER



Originally designed to remove over spray, Fast Wing T-11 cleans and restores the paint to the original luster without the use of harsh abrasives found in most rubbing compounds. Rubbing compounds almost always use some sort of abrasive material, such as volcanic ash, which can leave microscopic scratches. Abrasives may actually accelerate the oxidation process. 16 oz. (pint) .....P/N 09-00187 .....\$8.95

## SAFETY WASH



Safety Wash is a mild neutral PH water based exterior wash & wax concentrate designed to be gentle on your aircraft. It provides detergency and built-in easy rinse characteristics that will enhance gloss and eliminate the risk of streaking. Formulated for general routing washing of aircraft. Meets Boeing & McDonnell Douglas approvals. Safety Wash is NOT designed to clean heavily soiled areas. 1 gal. ....P/N 09-00526 .....\$19.95  
5 gal. pail.....P/N 09-00527 .....\$79.75

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# DE-ICER PRODUCTS — LPS PRODUCTS

## BF GOODRICH AGE MASTER RUBBER NO. 1 PROTECTIVE AGENT



Age Master #1 rubber protectant helps extend the life of your de-icers so you can cut maintenance costs, slow deterioration and aging, extend service life and save money. Age Master #1 protectant isn't just a surface coat. It penetrates neoprene rubber to help retard damage from ozone, weathering and pollutants to help your de-icers stay strong and flexible. And now it's economical, long lasting and easy to apply. Just follow the simple BF Goodrich guidelines. Wipe or brush on Age Master #1 protectant every 150 flight hours or at least semi-annually, for continuing protection. Age Master #1, the only rubber protectant recommended by BF Goodrich. Meets military specification MIL-P-11520E. Age Master #1 protectant is a staining material. Avoid contact with painted surfaces. Apply sparingly and let dry thoroughly before flying in rain to prevent run-back.

Quart .....P/N 09-42545 .....**\$83.95**

## BF GOODRICH ICEx II FOR DE-ICERS



IceX coating boosts your de-icer performance so you fly with greater confidence by helping your de-icers shed ice at peak efficiency. IceX coating chemically bonds with rubber de-icer surfaces and forms a slick film that makes your de-icers slippery. It will lower the adhesive bond between ice and de-icer surfaces so your de-icers break the frigid grip of ice better and faster! IceX coating is easy to apply and economical, too. A single application provides 50 flight hours of added ice fighting protection on leading edge de-icers and 15 flight hours of protection on prop de-icers. Get IceX coating in quart cans for an attractive uniform satin finish on your de-icers. One is enough to treat a complete single or twin-engine aircraft.

Quart .....P/N 09-42530 .....**\$159.95**

16 oz. Spray .....P/N 09-42531 .....**\$108.95**

**BF GOODRICH DE-ICER CEMENT** 8 oz. can .....P/N 09-42535 .....**\$53.25**

## BF GOODRICH SHINEMASTER PNEUMATIC BOOT TREATMENT



Shinemaster Prep is a surface coating that cleans de-icing boots & prepares the de-icer for Shinemaster. Shinemaster is a wax surface coating that enhances the appearance of pneumatic de-icing boots. Simply clean the boots with Shinemaster Prep per the instructions, then apply a couple of coats of Shinemaster treatment per the instructions. New boots look spectacular and old boots look like new. Compatible with Agemaster No. 1 and IceX products.

Shinemaster Prep (qt) .....P/N 09-42532 .....**\$41.20**

Shinemaster (pt) .....P/N 09-00325 .....**\$61.95**

## BOOTSaver

*(The De-ice Boot Repair Kit)*



Another quality product from Rapco, Bootsaver eliminates patches, blends into the boot material, and seals out moisture. It is a 2-part compound that when mixed together and applied to the boot is identical to the original boot material. For Wing & Prop Boots .....P/N 09-41705 .....**\$59.95**

## JET STREAM PBS BOOT SEALANT



JS Prep effectively prepares pneumatic de-icers for PBS Boot Sealant cosmetic de-icer treatment application. PBS Boot Sealant dries quickly to a high gloss finish, helps prevent dry-rot, and will not produce black streaks on wings like other oily products.

Qt. PBS Prep .....P/N 09-41711 .....**\$14.25**

Qt. PBS Sealant .....P/N 09-41712 .....**\$32.30**

## LPS WORKPLACE ORANGE PUMICE HAND CLEANER



LPS® WORKPLACE Orange Pumice Hand Cleaner quickly and effectively removes heavy dirt, oil and grease from hands. WORKPLACE Orange Pumice Hand Cleaner contains Pumice for deep cleaning strength and can be used with or without water. Since WORKPLACE Orange Pumice Hand Cleaner is petroleum-free, it reduces skin irritation. WORKPLACE Orange Pumice Hand Cleaner is natural based and has a pH of 5.5 - 6.5. Odor: Citrus. Color: White. 16oz. ....P/N 09-00786 .....**\$3.50**  
Gallon ....P/N 09-00787 .....**\$18.50**



## LPS LOW SURFACE TENSION (LST)

A deep penetrating formulation attacks rust and corrosion to free "frozen" parts. LST has an extremely low surface tension that combines with a powerful foaming action to provide complete surface coverage, better penetration and improved moisture displacement. LST Penetrant lubricates and protects against rust and corrosion.

11 oz. aerosol can...P/N 09-01916.....**\$5.90**



## LPS COPPER ANTI-SEIZE

Premium Copper Anti-Seize a low-friction, anti-seize lubricant dispersed in a water-resistant grease and fortified with anti-oxidants, plus rust and corrosion inhibitors. It prevents seizure and galling and resists welding, hardening or setting. It provides low friction and cushions impact and shock loads. It will perform in temperatures up to 1800°F (982°C). Fittings are heated red hot, allowed to cool, can be disassembled without seizure or distortion. It is recommended for production and maintenance jobs where speed in assembling and dismantling is essential. It reduces downtime, saving valuable man-hours while increasing production. 1/2 lb. can P/N 09-02908....**\$10.50**

## LPS MAGNUM TEFLON LUBRICANT



LPS® Magnum Teflon® Lubricant provides ultra-high lubricity, plus the additive strength of Teflon® for high-temperature, high-pressure environments. In even the most demanding situations, extend equipment life and reduce maintenance.

11 Oz. Spray Can .....P/N 09-26430.....**\$9.50**

## LPS STRONG STEEL STICKS



Easy-to-use, hand-kneadable stick for immediate repairs to steel equipment

and surfaces. Ideal for stopping leaks, even works on underwater applications. Permanently fills gaps and holes in metal, concrete, wood, fiberglass, and ceramics. Has a working time of 4 minutes, and will fully cure in 30 minutes to form a durable mass which can be machined, drilled, and painted. Can be used for many types of repairs, such as plumbing, electrical, ceramic, vehicle, equipment, and machinery. It is ideal for patching holes and cracks in pipes, drums, and tanks. 4 oz. stick.....P/N 09-26444 .....**\$10.30**

## LPS ELECTRO 140 CONTACT CLEANER



LPS Electro 140 Contact Cleaner is the high flash point, fast penetrating, non-residue cleaner alternative to CFCs for fine parts. The Electro 140 Contact Cleaner flash point is above 140°, making it safer to use in areas where flammability may be a concern. It is free of any known stratospheric ozone depleting substances - like CFCs, HCFCs, and 1,1,1 trichloroethane. Electro 140 has a low odor & is effective for flux removal and immersion cleaning.

11 Oz. Spray Can....P/N 09-26465 .....**\$8.95**

## LPS NO FLASH ELECTRO CONTACT CLEANER



LPS NoFlash is a vaporous solvent cleaner alternative to CFC's that's safe to use on most surfaces. It's nonconductive and nonflammable, so it can be used while equipment is in operation to avoid costly downtime. NoFlash Electro Contact Cleaner penetrates and evaporates quickly, dislodging oil, grease, dirt and other materials from precision mechanical and delicate electrical/ electronic parts leaving no residue.

P/N 09-26412 .....**\$25.00**

## LPS MICRO-X CONTACT CLEANER



A fast evaporating contact cleaner ideal for removing grease, dirt and oil from delicate precision electrical, electronic and mechanical parts. Safe on metal and most plastic parts. No rinsing. 11 oz. Aerosol .....P/N 09-00151 .....**\$9.50**

## LPS ELECTRA-X CONTACT CLEANER



A non-flammable contact cleaner that removes oil, grease, dirt and other foreign materials from precision mechanical and delicate electrical/electronic parts. Fast evaporating. No flash point. No rinsing.

15 Oz. Aerosol.....P/N 09-00153 .....**\$16.60**

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# LPS PRODUCTS



## LPS SILICONE LUBRICANT

Excellent for food service carts and casters. Preserves and protects rubber, vinyl and leather conveyor belts, metal slides and chutes in baggage cargo areas. Ideal for door and hatch seals.

13 oz. can .....P/N 09-26410.....\$7.50



## LPS PSC PLASTIC SAFE CLEANER

PSC Plastic Safe Cleaner is a safe nonconductive, noncorrosive cleaner with no flash point. It is safe to use on metals, rubber, plastics\* and fabric. Its spray action removes oil, grease, oxides, dirt and other foreign materials from precision mechanical and delicate electrical/electronic parts, leaving no residue. PSC has a very low odor and evaporates quickly. Excellent for cleaning avionics.

14 oz. aerosol can ..P/N 09-26406.....\$40.60



## LPS INSTANT COLD GALVANIZE

A ready-to-use 95% pure zinc compound that provides long-lasting protection from rust and corrosion. Protects ferrous metals such as engine mounts and manifolds. Protects equipment in the base maintenance area such as compressors, material handling equipment, storage tanks, and valves. This is not a paint. Rust attacks zinc rather than base metal.

16 oz. can .....P/N 09-26425.....\$9.70



## LPS INSTANT SUPER CLEANER/DEGREASER

Heavy duty cleaner and degreaser, can be applied without disassembly. Removes oil, grease, wax, moisture, dirt, tar, brake fluid without wiping. Leaves no residue, is non-toxic and non-flammable. Recommended for parts and equipment, electric motors, chains and cables, brakes and bearings, etc. Safely cleans nacelles, upholstery, and oxygen handling equipment.

20 oz. ....P/N 09-26415.....\$18.95



## LPS TKX PENETRANT / LUBRICANT

All purpose lubricant with a high 175° flash point. Protects against corrosion. Loosens rusted or frozen parts. Excellent protective coating for power tools. Non-conductive. Safe of fabric, plastic, rubber, paint etc.

11 Oz. Aerosol .....P/N 09-00148.....\$4.50



## LPS HDX HEAVY DUTY DEGREASER

HDX is a fast-acting, heavy-duty solvent for cleaning and degreasing parts and equipment. HDX uses the nonflammable propellant carbon dioxide to provide an extra degree of safety in and around the workplace. HDX requires no rinsing. Its fast action quickly removes oil, grease, wax, dirt, moisture, tar, brake fluid and other contaminants. Test rubber and plastic surfaces for compatibility.

19 oz. aerosol ....P/N 09-26407.....\$8.80



## STRIKE HOLD II CLEANER/PENETRANT/LUBRICANT

One of the most significant long term enemies to aviation is corrosion. Strike Hold is a potent anti-corrosive and has a dielectric strength of 38,000+ volts so it can also be used on electrical contacts and connections. It "finds" the small spaces which allow filiform corrosion to form. Its capillary action will quickly encapsulate metals by flowing against gravity and under overlapping sheets of metal. It is a highly penetrating and mobile liquid with CFC's and is non-flammable by flame projection test as opposed to other fluids containing butane or propane propellants. The lubricant in Strike Hold doesn't harden or become brittle. It completely seals out water with a shield film. The carrier agent evaporates (unlike ACF 50) and does not leave a dust collecting film to re-contaminate a surface. The flash point is in excess of 450°F and the freezing point is -85°F. This product is heavier than water and does not damage polymers, rubber or plastics. Strike Hold can be used on virtually any surface that is susceptible to corrosion and that needs lubrication.

PN 09-00890 .....\$10.95

## LPS SPRAY LUBRICANTS

### LPS NO. 1 (GREASELESS)



Forms a fine, non-greasy film that displaces moisture, lubricates and penetrates all sheltered metals from rust and corrosion for a year or more. Dries out and protects electrical connectors, loosens seat mechanisms. Can be painted over. Excellent lubricant when making hose assemblies.

11 Oz. Spray Can, #00116.....P/N 09-25900 .....\$8.00  
1 Gallon Can, #01128 .....P/N 09-26000 .....\$23.85



### LPS NO. 2 (GENERAL PURPOSE)

A slightly heavier film than LPS No. 1. Protects metals outside up to 1-yr. Dries out electrical equipment fast. Protects parts in storage for years. An excellent lubricant and fast penetrant.

11 Oz. Spray Can, #00216 ....P/N 09-26100 .....\$7.20  
1 Gallon Can, #02128 .....P/N 09-26200 .....\$32.75



### LPS NO. 3 (RUST INHIBITOR)

A heavier clear film that stops rust outdoors for 2 years or more. Protects all metals against severe salt, acid and chemical corrosion. Protects parts in storage for 5 years or more. Lubricates and protects outdoor equipment.

11 Oz. Spray Can, #00316 ....P/N 09-26300 .....\$8.95  
1 Gallon Can, #03128 .....P/N 09-26400 .....\$36.40



### LPS QB PRECISION DUSTER

QB Precision Duster is a moisture-free compressed gas that provides a pure, quick blast for removing dirt, dust, oxide particles and other contaminants from delicate assemblies and electronic components. With the pinpoint extension tube, QB can easily remove soils from those hard-to-reach spaces. QB does not contain ozone depleting substances and is nonflammable. With its nonabrasive and nonresidue properties, QB Precision Duster will not cause damage to delicate electrical/electronic and fine part surfaces. Excellent for use on avionics.

10 oz. spray can .....P/N 09-26210 .....\$21.70



### LPS PRESOLVE CLEANER/DEGREASER

This high performance cleaner provides fast acting, deep penetration and is safe on all metals and most plastics. It features a natural-based solvent, is non-conductive, has controlled evaporation, and needs no rinsing and leaves no residue. PreSolve is the answer to the toughest cleaning problems in the shop. Meets McDonnell Douglas & Boeing specifications.

15 oz. spray .....P/N 09-00311 .....\$11.60  
1 Gal. ....P/N 09-00312 .....\$68.25



### LPS ZEROTRI CLEANER/DEGREASER

LPS ZeroTri Cleaner/Degreaser penetrates quickly to remove oil, grease, wax, tar, dirt, brake fluid and other contaminants in seconds. ZeroTri works its way into hard-to-reach- areas and is safe to use on most surfaces. It is fast drying so equipment downtime is minimized. ZeroTri is flammable, so it should not be used on equipment in operation, and equipment should be allowed to dry completely before it is restarted.

15 oz. spray .....P/N 09-26470 .....\$12.85



# CLEANERS — DEGREASERS

## AVL LUBRICANTS & RUST INHIBITORS



**AVL LIGHT** - The premium light lubricant and rust inhibitor that penetrates and displaces moisture fast, leaving a delicate coating for excellent lubrication and rust protection. A fine, light film that resists the accumulation of dust and dirt. Ideal for drying and protecting electrical connectors and delicate machinery. Can sprays upright or inverted. P/N 13-02962 .....\$4.45

**AVL MEDIUM** - The premium medium lubricant and corrosion preventor is specifically designed to penetrate and displace moisture fast. It leaves a medium weight oily coating for long term lubrication and rust prevention. Can sprays upright or inverted. P/N 13-02963 .....\$4.45

**AVL THICK** - The premium thick lubricant and corrosion preventor penetrates and displaces moisture. It stops corrosion on contact leaving a thick coating for long term lubrication and corrosion prevention. Can sprays upright or inverted. P/N 13-02964 .....\$4.45



### AVL NO CHLOR CLEANER/DEGREASER

The powerful flushing action and a high solvency formulation makes cleaning metal parts faster and easier. Penetrates quickly into hard to reach areas, cleaning thoroughly. AVL NO CHLOR Cleaner/Degreaser does not contain any 1,1,1 Trichloroethane or any solvents or CFCs known to deplete the stratospheric ozone layer. Evaporates quickly leaving no residue. Removes oil and grease on contact. This is the best non-chlorinated degreaser we have ever produced. 14 oz. P/N 13-02961 .....\$4.95

### AVL ELECTRO CONTACT CLEANER

The premium aviation cleaner that penetrates fast, cleans and degreases, removes dust and dust buildup without leaving a noticeable film or oil residue. Both penetrate and dry quickly. Ideal for air and ground, electrical and avionics, and sensitive mechanisms. Non-flammable. P/N 13-02958.....\$10.60



### AVL FAST ACTING CLEANER/DEGREASER II

AVL Fast Acting Cleaner/Degreaser II is a highly concentrated solvent designed to remove dirt, grease, oil and grime from metallic and non-metallic surfaces. Cleaning is quick and simple without the danger of injury to working parts. Ideally suited for use on electronic motors even while running, electronic equipment, ignition systems, generators, power tools, etc. It is non-flammable and non-conductive so it can be used while motors and equipment are operating. Cleans & degreases very fast and dries quickly leaving little residue. P/N 13-02960 .....\$7.00

### MACH #1 DEGREASER/CLEANER

A citrus scented degreaser and cleaner designed for the aircraft industry. This surface degreaser is non-irritating but will remove heavy encrustations. Mach #1 (formally known as Big Orange Plus) combines solvent power with an emulsifier system that removes hydraulic fluids, fuel stains, and exhaust soot. P/N 13-00031 .....\$17.95



### AVL AIRCRAFT GLASS CLEANER

AVL glass cleaner is safe on all plastics and glass. It contains no ammonia. This foaming glass cleaner cleans and leaves a shiny finish with no residue. It easily removes bugs and grime from windshields and all surfaces. 15 oz. P/N 13-02959 .....\$4.35

### CRAZY CLEAN ALL PURPOSE CLEANER

Crazy Clean is an all purpose cleaner which is excellent for removing fuel stains, exhaust stains, a degrease and grime from your aircraft. Ideal for removing bugs from leading edges. Crazy Clean produces a cinging foam which cleans and deodorizes and leaves a clean, not waxy surface. Keep a can in the airplane to use when travelling. Recommended by Aviation Consumer. 15 oz. aerosol can. P/N 09-00563 .....\$6.10



## EXTREME SIMPLE GREEN AIRCRAFT CLEANER



Unique cleaning & anti-corrosion chemistry delivers superior performance and materials-safety all in one. Extreme Simple Green, cuts through tough, built up grease, oil, dirt, pollution, insect residue & impact soils. Gets its superior cleaning from a unique "triple play" cleaning formula. 2 high performance surfactants and new generation grease lifter/cutter combine to get the soil away from the aircraft surface quickly and keep it away so it can be cleanly rinsed away. It's speed of grease cutting and high capacity to hold grease, oil & soils in solution during cleaning and rinsing time are the keys to performance. This equals fast cleaning & no-redeposition, but Extreme Simple Green is also able to go into oil/water separators and have oil break from solution. Extreme Simple Green's safety upon aircraft materials and precision cleaning surfaces comes from a combination of proven anti-corrosion agents. Time tested coupling agent allows these to work together to battle corrosion & hydrogen embrittlement. Makes Extreme Simple Green safe to put through pressure washing equipment, rack wash systems, dip tanks & parts washers, without any equipment damage.

32 oz .....P/N 09-00809 .....\$10.80 Gallon .....P/N 09-00810 .....\$19.40  
5Gal. ....P/N 09-01236 .....\$82.75 Spray .....P/N 09-01241 .....\$51.95



**Simple Green Safety Towels** - Non-toxic and Biodegradable. Pre-moistened, quick and versatile with no color and no added scent. Non-abrasive and abrasive sides. ....09-01297 .....\$12.50

**Crystal Simple Green Industrial Cleaner/Degreaser** - Use for equipment and machinery degreasing, parts washers and dip tanks, mechanized applicators. Non-toxic & biodegradable, non-abrasive & non-flammable. 24 oz. (Trigger Spray).....09-01298 .....\$7.35  
1 Gallon .....09-01299 .....\$15.95

**Simple Green Hand Cleaner Gel** - 5 oz. ....09-01301 .....\$1.65  
1 Gallon (pump) .....09-01302 .....\$15.95



**Simple Green 30 gal. Parts Washer** - 15" depth soak basin at deepest point). Stainless steel workshelf, flex spigot & nylon flow-thru brushClean out plug for easy draining, includes filter kit and circulating pump. Overall dims: 36"L x 24"W x 39"H. 09-01303 .....\$883.06

**Simple Green 4-way Proportioner** .....09-01304 .....\$169.50

**Simple Green Foaming Crystal Industrial Cleaner/Degreaser** - Fragrance-free and color-free solution. ....09-01305 .....\$4.95

**Simple Green Concentrated Cleaner/Degreaser Deodorizer** - Clean & deodorize grease filters/traps. 24 oz. (Trigger Spray).....09-01306 .....\$6.25  
1 Gallon .....09-01307 .....\$15.35



**Simple Green Lime Scale Remover Industrial/Institutional Descaler** Dissolves soap scum & mineral deposits. Deodorizes-contains no bleach, ammonia or phosphorus. Non-abrasive & non-flammable. Spray .....09-01308 .....\$5.45  
Bottle .....09-01309 .....\$11.90

## HIGH PERFORMANCE COATING



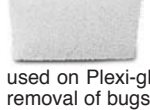
Thor "Aero" High Performance Coating is the fastest, easiest, most efficient way to get a coat of wax on your aircraft. Designed for preventing corrosion & maintaining your aircrafts surface, this product greatly reduces air drag, which can give you 2-3 knots while airborne. Quick & easy to apply. When buying this product you will receive (2) 32oz bottles plus the sprayer! P/N 09-00896 .....\$24.95

## THOR AERO BRUSH



It is a 10" foam block that is completely filled with a one threaded green nylon. This brush will effectively remove oil, grease, exhaust fumes, and other oily residues. Thor Aero Brush comes with a 60" length metal handle for reaching either under your aircraft's belly, or on top. P/N 09-00897 .....\$29.95

## THOR BUG SPONGE



This product is designed to be used when wet, this foam like material will safely scrub away bugs, bird droppings and any other contaminants. Thor Bug Sponge can be used on Plexi-glass and all painted surfaces. You will be amazed by the removal of bugs from your aircraft. P/N 09-00898 .....\$6.95

## THOR AIRCRAFT CONCENTRATE



**Uses:** Thor Aircraft Concentrate is specifically formulated to dissolve the residue of exhaust, grease, dirt and oil. Thor Aircraft Concentrate is safe on all surfaces such as Ferrous metals, aluminum, plastic, rubber, painted and unpainted surfaces. Thor Aircraft Concentrate is a non toxic, non-corrosive, non hazardous product. **Directions:** Use 1 to 2 quarts of product per 5 gal. of water, depending on how heavily soiled the aircraft is. When washing, work in sections from the belly of the aircraft to the top to avoid missing dirt! P/N 09-00899 .....\$19.95



# CRC AVIATION MAINTENANCE PRODUCTS



## CRC 3-36® MULTI PURPOSE LUBRICANT

A multi purpose lubricant and corrosion inhibitor specifically designed for use around modern plastics. Applications Include: • Seat and cargo tracks • Landing Gear • Lower fuselage interior • Faying surface and crevices • Wing interior surfaces • Entry door horizontal stabilizers • Ground support equipment. Not for use on energized equipment. 16 oz.....P/N 09-39600 .....\$9.90



## CRC ULTRA-LITE LUBE

CRC ULTRA-LITE LUBE is an ultra-thin, non-staining dry film lubricant that resists oil dust and dirt buildup. It penetrates into the most minute openings, sealing out moisture and preventing corrosion. Applications include: • Specially formulated for use around modern plastics, polycarbonates, ABS and NORYL • Insulators • Enclosures • Delicate components • Penetrates through rust and scale • Loosens seized mechanisms and frozen parts. Not for use on energized equipment. 16 oz.....P/N 09-39602 .....\$9.90



## CRC POWER LUBE®

A unique lubricant that incorporates a sophisticated additive package with Teflon® to provide long lasting protection against friction and wear. Applications include: • Hinges • Motors • Bearings • Cables • Chains • Rollers • Locks • Guide Bars • Pulleys • Sliding surfaces • Valves • Gears • Ball & socket joints • Linkages • Taps and dies • Air power tools • Cutting tools • Precision tools • Chain drives • Sliding mechanisms • Sprockets. Not for use on energized equipment. 10 oz.....P/N 09-39605 .....\$10.75



## CRC PRECISION CONTACT CLEANER

A Revolutionary new precision cleaning solvent designed to meet today's environmental challenges. This high-purity solvent is a chemically stable HCFC and does not exhibit the same ozone depleting properties as conventional solvents. It evaporates rapidly and has no flash point and leaves no residue. Applications include: • Computers • Delicate avionics • Oxygen & other pressurized gas systems • PC boards • Radios • Radar equipment • Contacts and switches. Do not use on polycarbonate or Noryl type plastics. Not for use on energized equipment. 16 oz.....P/N 09-39617 .....\$27.95



## CRC QUICK DRY CONTACT CLEANER

An alcohol-based precision cleaner that is 100% free of CFCs. Ideal for applications where lower flashpoint solvents may be used. It evaporates rapidly and completely and is harmless to most plastics. Applications include: • Switchgears • Circuit breakers • Telecommunication equipment • Fusible connecting devices • Motors • Generators • Relays • Terminals • Rheostats • Instrumentation • Communications equipment. Not for use on energized equipment. 16 oz.....P/N 09-39620 .....\$12.50



## CRC PAINT & DECAL REMOVER

A solvent-based, high strength cleaner that effectively loosens and helps remove paint, adhesives and sealants. It helps protect equipment surfaces by eliminating damage caused by excessive scraping. Applications include: • Dissolves and aids removal of paints, lacquers, adhesives and varnish • Removes graffiti from metal and stone • Removes conventional and formed-in-place gaskets on motors, pumps & flanges. Not for use on energized equipment. 16 oz.....P/N 09-39622 .....\$12.10



## CRC AVIATION WINDOW CLEANER

A modern blend of detergents and corrosion inhibitors designed to safely clean aircraft glass, plexiglass and other surfaces (pH 10.6±0.5). Applications include: • Windows • Interior surfaces • Galley areas • Overhead compartments. Not for use on energized equipment. 16 oz .....P/N 09-39630 .....\$4.95



## AVIATION DEGREASER

Aviation degreaser is a halogenated solvent-based cleaner/degreaser that is chemically stable and extremely effective in heavy duty cleaning applications. It is fast-acting, non-flammable, and evaporates quickly leaving no residue. Extremely effective solvent for cleaning and removing corrosion inhibiting compounds. Contains no HAPs. Removes carbon buildup. High dielectric strength of 26,800 volts. Degreases and cleans aviation surfaces to allow for easy visual inspection. Cleans and prepares metal surfaces for painting on adhesive bonding. Evaporates fast leaving no residue. Non-flammable, non-staining and non-corrosive. Applications: Fuselage • Wheel wells • Electric motors • Firewalls • Nocelles • Generators • Nosegear • Ground support equipment • airframe exterior surface 20 oz. aerosol P/N 09-39690 .....\$25.60



## CRC SUPER DEGREASER

A revolutionary alternative to 1,1,1 Trichloroethane and other chlorinated solvents. Now you can give up chlorinated solvents without giving up cleaning power. A unique, scientifically formulated cleaner and degreaser that effectively removes grease, oil, dirt and other contaminants from motors, parts and equipment. Applications include: • Exhaust trails • Hinges • Antenna mounts • Static tubes • Wheel wells • Struts & tubes • Galleys • Seat tracks • Cargo doors • Cargo tracks. Not for use on energized equipment. 20 oz .....P/N 09-39642 .....\$19.70



## CRC CORROSION SHIELD

A long-term corrosion inhibitor that provides extended protection for all metal parts and assemblies, both in storage and during shipment. Its thin, nondrying film protects better than many thicker, waxy films, and is easily removed with solvent cleaners. The unique overlapping plating action provides unequaled protection for planed surfaces and sharp edges. Applications include: • Seat and cargo tracks • Landing gear, wheel wells & keel beam • Fuselage structure • Wing to body fairing • Pins • Hinges • Wing front & rear spar • Lower fuselage interior • Wing interior structure • Horizontal stabilizer • Ground support equipment • Chains and cables • Air conditioning ducts • Lap joints • Skin panel edges • Emergency escape hatches • Bulkheads • Entry and cargo doors. Not for use on energized equipment. 20 oz.....P/N 09-39655 .....\$12.60



## CRC CORROSION SHELL

A long-term indoor and outdoor corrosion inhibitor for machined surfaces and assemblies subjected to long periods of storage or adverse conditions during shipment. Its firm, waxy film is highly resistant to humidity and salt spray and never becomes brittle. Petroleum solvents may be used to dilute the product to vary the film thickness or to remove it after application. Applications include: • Completed assemblies • Seat tracks • Chains and cables • Landing gear • Wheel wells • Faying surfaces • Air conditioning ducts • Lap joints • Skin panel edges • Fuselage • Landing gear and bilges • Emergency escape hatches • Bulkheads • Entry & cargo doors. Not for use on energized equipment. 16 oz.....P/N 09-39657 .....\$13.95

CS

# LUBRICANTS

## LOCTITE THREADLOCKER



Loctite Threadlocker used on a standard fastener can eliminate expensive locking devices while you increase the reliability and quality of your assembly. One drop prevents loosening. 2 removable strengths for large & small applications and permanent strength for locking parts you never want to take apart.

- #222 Threadlocker (permanent, for small screws)  
10 ml .....P/N 09-42605 .....\$18.90 50 ml .....P/N 09-42610.....\$48.75
- #242 Threadlocker (removable, for large screws)  
10 ml .....P/N 09-42615 .....\$18.90 50 ml .....P/N 09-42620.....\$48.75
- #262 Threadlocker (permanent, for large screws)  
10 ml .....P/N 09-42625 .....\$18.90 50 ml .....P/N 09-42630.....\$48.75

## THREEBOND THREADLOCKERS

All of ThreeBond's thread locks inhibit the development of rust, leaks corrosion, and are not affected by oils, chemicals, salt water, various gases or organic solvents. ThreeBond 1342 is equivalent to Loctite 222, Three Bond 1333B is equivalent to Loctite 242, and ThreeBond 1303 is equivalent to Loctite 262. Comparable performance at reduced costs.

- #1342 - Low strength for frequent removal  
10 ml. ....P/N 09-00000 .....\$3.75 50 ml. ....P/N 09-25815 .....\$9.90
- #1333B - Medium strength for bearings and studs  
10 ml. ....P/N 09-00001 .....\$3.75 50 ml. ....P/N 09-25820 .....\$9.90
- #1303 - High strength for infrequent removal  
10 ml. ....P/N 09-00002 .....\$3.75 50 ml. ....P/N 09-25825 .....\$9.90

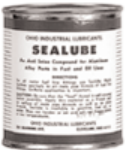
## PARKER-O-LUBE



Excellent for use on exposed valve plungers, cylinder rods, and other or-rings. It lubricates without causing deterioration of rubber and is water resistant. Good for low pressure vacuum and pneumatic systems.

4 oz. tube .....P/N 05-00773 .....\$13.70

## SEALUBE



Anti-seize sealer for threaded aluminum alloy parts exposed to gasoline, oil, water, air or vacuum. Good lubricating qualities. Will not harden or set. Will not freeze joints at low temperatures. Non-corrosive, insoluble in gasoline, oil or water.

1 Lb. Can.....P/N 09-25200 .....\$20.80

## BAKERSEAL

Thread sealing and lubricating compound. Contains Teflon. Prevents thread leaks with fluids and gases up to 600°F. Recommended for gasoline and aircraft oils. Superior to Teflon tape and much easier to use. 8 oz. jar

P/N 09-00346 .....\$6.30



## LUBRIPLATE NO. 630AA



Multi-purpose lubricant. Forms a wearing film on working surfaces. Excellent protection against rust and corrosion. Recommended for controllable pitch props, wheel and magneto bearings, general greasing.

14 oz. Can.....P/N 09-25400 .....\$5.50  
6 Lb.. Can .....P/N 09-25500.....\$56.75

## BENDIX MAGNETO GREASE



#10-27165 - Factory recommended lubricant for bearings in Bendix magnetos.

1 Lb. Can.....P/N 10-27165.....\$39.20

#10-391200 - Grease for AD Note on 1200 Series magnetos.

1 Lb. Can.....P/N 10-391200 .....\$38.70  
1 oz. tube.....P/N 07-02500.....\$3.95

## EZ TURN LUBRICANT



EZ Turn is a specialty lubricant/sealant used for fuel and oil line valves and is resistant to high temperatures. It is especially effective where high octane fuels and aromatics are present. EZ Turn is also extremely efficient as a gasket paste and anti-seize agent. EZ Turn will not gum, crack or dry out. Each shipment is independently tested. Excellent for tapered plug valves, aircraft engine manufacturing, and marine applications. EZ Turn is the functional equivalent of fuel lube.

5 oz. tube .....P/N 09-00306 .....\$11.70  
1 Lb. can .....P/N 09-00180 .....\$21.60

## PERMATAX ANTI-SEIZE LUBRICANT



Prevents galling, seizing and corrosion of metal parts from 65°F to 2000°F. Acts as a low speed lubricant and maintains a corrosion-resistant coating at high temperatures. Makes aluminum and stainless steel joints disassemble quickly, easily. Excellent lubricant for press fit assembly. Works on industrial engine parts, boilers, outdoor motors, cables and internal combustion engines. Conforms to MIL-A-907D. Improves reliability at high temperatures. Saves time, labor.

1 oz. tube.....P/N 09-28410 .....\$3.25

## WD-40 PENETRANT/LUBRICANT



Displaces moisture on any metal surface, preventing rust, corrosion or oxidation of the surface. Used on switches pulleys, wheel housings, seam areas. Non-gumming, non-conductive—safe for all electrical systems. Conforms to specification C-23411. 12 oz. Spray....P/N 09-00347 .....\$4.95

## DRY GRAPHITE SPRAY NO. 5200



Provides a uniform dry lubricant film of non-abrasive graphite for any metal surface. Can be used alone or with fluid lubricants. Used in engine overhaul, on struts, gears, tracks. Meets MIL-G-26548. DGF-123

11 oz. Spray .....P/N 09-25600 .....\$9.75

## WET GRAPHITE FILM LUBRICANT

Forms a protective, lubricating film that impregnates frictional surfaces to provide superior lubrication, withstand high temperatures reduce friction and heat. Makes engine assembly easy and aids lubrication in rebuilt engines. 12 oz. Spray.....P/N 09-25610 .....\$9.30

## TRI-FLO TEFLON LUBRICANT



Penetrating lubricant with Teflon, corrosion inhibitors, moisture displacers and solvents to soften and remove dirt and corrosion. Will not cause corrosion. Use on aircraft cabin door hinges, landing gear hinges and struts. Loosens rusted bolts and other fasteners.

12oz. aerosol can .....P/N 09-42540 .....\$10.95

## LIQUID WRENCH



A powerful blend of quick acting solvents to free parts frozen by rust, corrosion or paint. Harmless to metals. 11 oz. Aerosol Spray

.....P/N 09-25800 .....\$1.94

## PLASTIC METAL



This remarkable filler comes ready-mixed for use as a filler or adhesive. It adheres to practically any surface. When dry and hard it can be burnished to give it a metallic appearance. May be filed, drilled or sanded and may be painted over with enamels or lacquers. Recommended for canopy installation on Quickie.

5 oz. Tube #901 .....P/N 09-30100 .....\$4.75

## F-900 "TORQUE SEAL"



Inspection Lacquer is used in production on compression fittings, studs, nuts, parts, and assemblies after they are in proper torque or position. Widely used as "Anti-Sabotage Lacquer". Inspectors can visually detect any movement or tampering; Torque Seal becomes brittle and will crack. Excellent adhesion to all metals and to most other surfaces. Dries fast. Torque Seal is packaged in convenient 1/2 oz. poly squeeze tubes. Available in 4 high visibility.

Yellow .....P/N 09-25807 .....\$1.95 Blue .....P/N 09-25809 .....\$1.95  
Green .....P/N 09-25808 .....\$1.95 Orange ..P/N 09-25810 .....\$1.95

## F-925 "SKYDROL" RESISTANT SEAL

An inspection lacquer used in areas where aircraft hydraulic fluid might come in contact with the seal. A fast drying material that has excellent adhesion to most substrates. It becomes hard and brittle so that visually any movement can be detected. Available in 1/2 oz. squeeze tubes. Color yellow.

P/N 09-25811 .....\$3.15 ea.

## F-1000 SENTRY SEAL



Used on compression fittings, studs, nuts, parts and assemblies after they have been set to proper tension or position. Service personnel or inspectors can quickly spot any changes or tampering with equipment. Sentry Seal has excellent adhesion to metals, including aluminum, magnesium, titanium, stainless and copper, and is non-corrosive to these metals. It is packaged in handy metal tubes. Squeeze the tube to extrude the Sentry Seal through the small hole to form a bead (narrow stripe) across the parts. The surface dries in about one minute, then it will start to polymerize and become brittle as it dries completely. Available in blue. P/N 09-28512 .....\$4.60



# LOGO DECALS

## AUTHENTIC AIRCRAFT LOGO DECALS

Our full line of authentic aircraft logos are produced on state-of-the-art long lasting UV coated pressure sensitive adhesive vinyl. They are precision cut by a specially programmed computer and have no clear background. Other brands of decals can be produced cheaply but the clear background tends to yellow, rendering unsightly over time. With our custom cut decals, only the letters themselves go on the aircraft giving the lettering a truly professional look which will last as long as the aircraft paint. Please order by part number shown. Many other logos and styles are available, as well as other colors. Call for quotation or send \$2.00 for our complete logo and decal catalog. For quote on custom logo decals, send sketch and details.

**FOR OTHER LOGOS AVAILABLE. Send \$2.00 FOR COMPLETE LOGO AND DECAL CATALOG P/N 09-43736**



5.75" h x 13.25" w  
 Black .....09-43502 .....\$9.95  
 White .....09-43504 .....\$8.95



1-5/8" h x 10-3/4" w  
 Black ..09-43506.....\$11.95  
 White .....09-43508.....\$11.95



Black, Gold, White 09-43509  
 6" h x 8.75" w .....\$36.90 pr.



Black .....09-43516  
 White .....09-43518  
 2" h x 9-1/2" w .....\$14.95 ea



Black .....09-43519  
 White .....09-43522  
 Red .....09-43524  
 Blue .....09-43526  
 6" h x 10.5" w .....\$19.90 /pr



Black .....09-43528  
 White .....09-43529  
 Red .....09-43532  
 Blue .....09-43534  
 6" h x 10.5" w .....\$22.55 pr



Black .....09-43536  
 White .....09-43538  
 2" h x 10.5" w .....\$12.95 ea



Black .....09-43540  
 White .....09-43542  
 Gold.....09-43544  
 2" h x 8.25" w .....\$12.95 ea.



Black .....09-43546  
 White .....09-43548  
 4-1/4" h x 10" w .....\$12.95 ea.



Black .....09-43550  
 White .....09-43552  
 1.75" h x 10" w .....\$12.95 ea.



Black .....09-43554  
 White .....09-43556  
 2.25" h x 8.5" w .....\$12.95 ea



Black .....09-43558  
 Silver .....09-43560  
 1.25" h x 14.5" w .....\$13.95 ea



Black .....09-43562  
 White .....09-43564  
 1.5" h x 15.5" w .....\$12.95 ea



Gold.....09-43566  
 6.25" Diameter .....\$27.90 pr



Black .....09-43568  
 White .....09-43570  
 2.937"hx18.75" w .....\$13.95 ea



Black .....09-43572  
 White .....09-43574  
 1.5" h x 13" w .....\$13.95 ea



Black .....09-43576  
 White .....09-43578  
 4.5" h x 9.5" w .....\$12.95 ea



Gold Bkgrnd, Black Border  
 P/N 09-43580  
 17.5"hx8.875" w .....\$37.90 pr.



Black .....09-43582  
 White .....09-43584  
 5" h x 8.75" w .....\$13.95 ea.



Black .....09-43586  
 White .....09-43588  
 1.75" h x 8" w .....\$11.95 ea.



Small Black ..09-43587  
 Small White ..09-43589  
 4" h x 10" w .....\$21.90pr.  
 Large Black ..09-43591  
 Large White ..09-43593  
 7.75" h x 19" w .....\$35.90 pr.



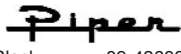
Full Color .....09-43598  
 8.5" h x 7.75" w .....\$9.95 ea



Full Color ..09-43500 ..\$9.95 ea  
 1-Color .....09-43602 ..\$8.95 ea  
 2-1/2" h x 5-1/4" w



Black .....09-43604  
 White .....09-43606  
 2" h x 8.75" w .....\$10.95 ea



Black .....09-43608  
 White .....09-43609  
 2.5" h x 11.25" w .....\$12.95 ea



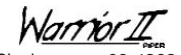
Black .....09-43612  
 White .....09-43614  
 1.5" h x 11-3/8" w .....\$13.95 ea



Black .....09-43616  
 White .....09-43618  
 1.5" h x 12.5" w .....\$13.95 ea



Black .....09-43619  
 White .....09-43622  
 2.75" h x 10" w .....\$12.95 ea



Black .....09-43624  
 White .....09-43626  
 3" h x 11" w .....\$13.95 ea



Black .....09-43628  
 White .....09-43629  
 2.75" h x 6-1/8" w .....\$12.95 ea



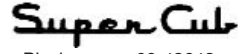
Black .....09-43632  
 Silver .....09-43634  
 1.5" h x 13" w .....\$12.95 ea



Black .....09-43636  
 White .....09-43638  
 1.25" h x 12.75" w .....\$13.95 ea



Red & Black w/ Silver Bkgrnd  
 09-43640  
 2-1/8" x 61/2" .....\$16.80 ea



Black .....09-43642  
 White .....09-43644  
 1.5" h x 7.75" w .....\$14.95 ea



Black ..09-43646 .....\$13.95 ea  
 White ..09-43648 .....\$13.95 ea  
 Gold.....09-43650 .....\$18.95 ea  
 4-1/8" h x 13-1/2" w



Black .....09-43652  
 White .....09-43654  
 3" h x 7" w .....\$14.95 ea



Black .....09-43656  
 White .....09-43658  
 3" h x 9" w .....\$11.95 ea



Black .....09-43660  
 White .....09-43662  
 2.5" h x 8.5" w .....\$15.95 ea



Blue on Silver...09-43664  
 2.5" h x 7" w .....\$13.95 ea



Black .....09-43666  
 White .....09-43668  
 2-7/8" h x 17" w .....\$13.95 ea



Black .....09-43670  
 White .....09-43672  
 2.5" h x 17-3/8" w .....\$11.95 ea



Black .....09-43674  
 White .....09-43676  
 1" h x 10-7/8" w .....\$9.95 ea



Black .....09-43678  
 White .....09-43680  
 4" h x 12" w .....\$12.95 ea



Black .....09-43682  
 White .....09-43684  
 1" h x 5" w .....\$8.95 ea



Black .....09-43686  
 White .....09-43688  
 2.5" h x 18-5/8" w .....\$8.95 ea.



Black .....09-43690  
 White .....09-43692  
 2.25" h x 17" w .....\$14.95 ea



Black .....09-43694  
 White .....09-43696  
 2.75" h x 15.75" w .....\$13.95 ea



Black .....09-43698  
 White .....09-43700  
 2.5"hx 8.75" .....\$17.95 ea



Black .....09-43702  
 White .....09-43704  
 3" h x 14.5" w .....\$13.95 ea



Black .....09-43706  
 White .....09-43708  
 2" h x 9.5" w .....\$12.95 ea



Black .....09-43709  
 White .....09-43712  
 3.25" h x 8.75" w .....\$14.95 ea



Black .....09-43718  
 White .....09-43719  
 4" h x 19" w .....\$9.95 ea



Black .....09-43722  
 White .....09-43724  
 Both come with gold outline  
 3" h x 5.5" w .....\$15.95 ea



09-43728 (Black, Red, Gold)  
 2-3/8" h x 14.25" w .....\$13.95 ea



09-43732 (Full Color)  
 4" h x 8" w .....\$29.90 pr.  
 09-43734  
 6" h x 12" w .....\$35.85 pr.



# LOGO DECALS



3" .....09-43740 .....\$4.95 ea  
 4.5".....09-43741 .....\$6.95 ea  
 Not available in lefts and rights only available as shown.



Full Color .....09-43748  
 2" h x 6.75" w .....\$7.95 ea



Black & Silver .....09-43751  
 1.25" h x 8-3/8" w .....\$14.95 ea



Black .....09-43752  
 White .....09-43753  
 4-7/8" h x 12-7/8" w .....\$14.95 ea



09-43754 (Black)  
 09-43755 (White) \$18.00 ea



Black .....09-43756  
 White .....09-43757  
 3.5" h x 16-5/8" w .....\$23.95 ea



Black .....09-43758  
 White .....09-43759  
 5/8" h x 8.25" w .....\$9.95 ea



Black .....09-43742  
 White .....09-43743  
 1" h x 4.25" w .....\$8.95 ea



Black .....09-43744  
 White .....09-43745  
 5" h x 12" w .....\$13.95 ea



Full Color-screened .....09-43764  
 8.25" h x 9" w .....\$19.95 ea



Black .....09-43746  
 White .....09-43747  
 2.25" h x 6.75" w .....\$12.95 ea



Black .....09-43780  
 White .....09-43781  
 9.25" h x 23.5" w .....\$18.95 ea



Black .....09-43782  
 White .....09-43783  
 3.25" h x 3.25" w .....\$12.95 ea



Left, Black .....09-43784  
 Right, Black .....09-43785  
 Left, White .....09-43786  
 Right, White .....09-43787  
 5.25" h x 5-3/8" w .....\$12.95 ea



Black .....09-43788  
 White .....09-43789  
 8" h x 16" w .....\$23.95 ea



White .....09-43791  
 2-1/8" h x 8.25" w .....\$10.95 ea



Black .....09-43792  
 White .....09-43793  
 9-7/8" h x 46.75" w .....\$32.95 ea



Black .....09-43796  
 White .....09-43797  
 3-3/8" h x 11.5" w .....\$17.95 ea



Black & Silver .....09-43798  
 White & Silver .....09-43799  
 2.5" h x 12" w .....\$21.95 ea



Black .....09-43800  
 White .....09-43801  
 1" h x 9-1/8" w .....\$8.95 ea



Black .....09-43802  
 White .....09-43803  
 1.5" h x 13" w .....\$9.95 ea



Black .....09-43806  
 White .....09-43807  
 5.75" h x 13.25" w .....\$16.95 ea



Black .....09-43808  
 White .....09-43809  
 2.5" h x 12.75" w .....\$12.95 ea



Black .....09-43811  
 White .....09-43812  
 1" h x 10" w .....\$25.95 ea



Left, Black .....09-43813  
 Right, Black .....09-43814  
 Left, White .....09-43816  
 Right, White .....09-43817  
 3" h x 3.5" w .....\$8.95 ea



Black .....09-43774  
 White .....09-43775  
 4-3/8" h x 10" w .....\$11.95 ea



Black .....09-43778  
 White .....09-43779  
 4-3/8" h x 10" w .....\$14.95 ea



Black .....09-43822  
 White .....09-43823  
 1.75" h x 8.75" w .....\$11.95 ea



Left, Black .....09-43824  
 Right, Black .....09-43826  
 Left, White .....09-43827  
 Right, White .....09-43828  
 4-3/8" h x 5-7/8" w .....\$13.95 ea



Black .....09-43829  
 White .....09-43831  
 2.75" h x 19" w .....\$13.95 ea

Left, Black .....09-43832  
 Right, Black .....09-43833  
 Left, White .....09-43834  
 Right, White .....09-43836  
 1.5" h x 11.75" w .....\$25.95 ea



Left, Black .....09-43837  
 Right, Black .....09-43838  
 Left, White .....09-43839  
 Right, White .....09-43840  
 1.5" h x 7.5" w .....\$15.95 ea



Black .....09-43841  
 White .....09-43842  
 1.5" h x 7.5" w .....\$9.95 ea



Black .....09-43843  
 White .....09-43844  
 2" h x 12.5" w .....\$9.95 ea



Black & Gold .....09-43845  
 Black & White .....09-43846  
 White & Black .....09-43847  
 2.5" h x 10.5" w .....\$15.95 ea



Black .....09-43749  
 White .....09-43750  
 3.5" h x 7.5" w .....\$16.95 ea



Black .....09-43848  
 White .....09-43849  
 1.25" h x 8.5" w .....\$9.95 ea



Black .....09-43850  
 White .....09-43851  
 5" h x 20" w .....\$17.95 ea



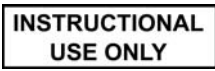
Black .....09-43852  
 White .....09-43853  
 1" h x 14.25" w .....\$11.95 ea



Black .....09-43765  
 White .....09-43766  
 3" h x 6.75" w .....\$9.95 ea

CS

# LOGO DECALS – PLACARDS



**Instructional Use Only Placard** – Used on Part 103 exempted 2-seat ultralights. Available in pre-spaced vinyl lettering in your choice of colors. Size 3" x 10"  
 Vinyl Lettering .....P/N 09-43901 ....\$2.50



**Hot Exhaust** – Black & red on white decal. Measures 1.5" x 4". A must where muffler can be accidentally touched or brushed up against during aircraft servicing or entry.  
 P/N 09-43902 ....\$3.50



**OPEN**  
 Color: Red. Call for quote on custom size and colors. Standard size: 2"x 3-1/2".

**Open Arrows** – Custom computer cut decals to indicate operation of door handles. Specify arrow CW or arrow CCW. Arrow and "OPEN" can be separated and individually positioned.  
 Clockwise .....P/N 09-43903 ....\$3.50  
 Counter clockwise P/N 09-43904 ....\$3.50  
 Custom Color .....add \$1.00



**Solo Seating Placards** – Silkscreened in red ink on white all weather vinyl. Placards for solo from front or rear seat (specify). Size: 1" x 3".  
 Front Seat Solo .....P/N 09-43906 ....\$2.50  
 Rear Seat Solo .....P/N 09-43907 ....\$2.50

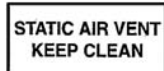


RECOMMENDED AIRSPEEDS	
SLOWEST DESCENT POWER OFF	SHALLOWEST GLIDE
HIGHEST FLIGHT TIME PER GALLON	HIGHEST MILES PER GAL
STEEPEST CLIMB	ECONOMY CRUISE
BEST RATE OF CLIMB	NORMAL CRUISE
CRUISE CLIMB	

**Recommended Airspeeds** – Black on white vinyl. May be written on with a fine point indelible marker. Provides space for all your most important airspeeds. Size: 3.5" x 4.5"  
 P/N 09-43908 ....\$2.95



**Window Placard** – Black on white vinyl. Specify left arrow or right arrow. Size: 3/4" x 3".  
 Left .....P/N 09-43909 ....\$2.00  
 Right .....P/N 09-43911 ....\$2.00



**Static Air** – Black on white vinyl. U-V coated, fuel resistant. Used to mark location of static air vents. Size: 3/4" x 1".  
 P/N 09-43912 ....\$1.95



**Canopy Release** – Black on white vinyl. Marks location of emergency release mechanisms for doors or canopies. Size: 7/8" x 3-1/8".  
 Canopy .....P/N 09-43913 ....\$2.95  
 Door .....P/N 09-43914 ....\$2.85

NEXT SERVICE DUE	
Phone	Annual/100hr.
Oil Change	ELT/Batt
Pitot/Static	TPP/Encoder

**Next Service Due** – These static cling labels provide space for maintenance facilities to record phone number, oil change, pitot/static, annual/100 hr ELT battery, and transponder/encoder due dates. No glue or adhesives, just place them in corner of windshield and pull to replace. A great reminder for important dates to keep your aircraft legal and safe.  
 P/N 09-00279 ....\$0.95



**Oil Injection Placard** – Black on white vinyl. Used on oil injected Two-Stroke engines. U-V and Fuel resistant. Size: 1" x 2-1/3".  
 P/N 09-43916 ....\$1.95



**Drain Sumps** – Black on white vinyl. U-V and Fuel resistant. Size: 1" x 2".  
 P/N 09-00348 ....\$4.50



**Fuel Drain Locator** – Black on white vinyl. Used to locate fuel drain petcocks on aircraft. U-V & Fuel resistant. Size: 1/2" x 2".  
 P/N 09-43917 ....\$1.95



**Fire Extinguisher** – Black & Red on white vinyl. Used to locate extinguisher in emergency. Size: 2" x 3.5"  
 P/N 09-43918 ....\$4.65



**Ballistic Chute** – Black & red on white vinyl. Used to locate Ballistic Chute Handle in emergency. Size: 2" x 3.5".  
 P/N 09-43919 ....\$4.95



AC-001 (Full Color)  
 P/N 09-43221  
 7" h x 8" w .....\$9.95 ea



AL-007 ..1" h x 8-1/8" w ....\$10.95 ea  
 P/N 09-43922 (Blk), 09-43923 (Wh), 09-43926 (Silver)



BE-021 ..1/2" h x 12" w .....\$11.95 ea  
 P/N 09-43927 (Blk), 09-43928 (Wh)



BE-030 ..4.75" h x 14.5" w ..\$16.95 ea  
 P/N 09-43929 (Blk), 09-43931 (Wh)



BL-065 ..2" h x 10-7/8" w ....\$13.95 ea  
 P/N 09-43932 (Blk), 09-43933 (Wh)



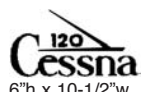
BE-005 ..1.5" h x 18" w .....\$18.95 ea  
 L & R (Gold Wing)



P/N 09-43934 (Blk), 09-43936 (Wh)  
 Black, Red & Blue  
 Black, White or Opt.  
 8" h x 7-3/4" w  
 P/N 09-43939 CL-001 ..\$17.85 ea  
 P/N 09-43940 CL-001A \$11.95 ea



CL-089 (Full Color)  
 P/N 09-43941  
 2" h x 3-3/4" w .....\$11.95 ea



CL-225L & R  
 P/N 09-43942 (Blk)  
 P/N 09-43943 (Wh)  
 6" h x 10-1/2" w .....\$19.95 /pr



CL-071L & R  
 P/N 09-43944 (Blk)  
 P/N 09-43945 (Wh)  
 6" h x 10-1/2" w .....\$21.90 /pr



CL-071L & R  
 P/N 09-43946 (Blk)  
 P/N 09-43947 (Wh)  
 6" h x 10-1/2" w .....\$21.95/pr



CL-257L & R  
 P/N 09-43948 (Blk)  
 P/N 09-43949 (Wh)  
 6" h x 10-1/2" w .....\$21.90 /pr



CL-112L & R  
 P/N 09-43950 (Blk)  
 P/N 09-43951 (Wh)  
 6" h x 10-1/2" w .....\$19.90 /pr



CL-340L & R  
 P/N 09-43952 (Blk)  
 P/N 09-43953 (Wh)  
 6" h x 10-1/2" w .....\$22.90 pr.



CL-214L & R  
 P/N 09-43954 (Blk)  
 P/N 09-43955 (Wh)  
 6" h x 10-1/2" w .....\$19.95 pr.



CL-487L & R  
 P/N 09-43956 (Blk)  
 P/N 09-43957 (Wh)  
 6" h x 10-1/2" w .....\$19.90 pr.



CL-032L & R  
 P/N 09-43958 (Blk)  
 P/N 09-43959 (Wh)  
 6" h x 10-1/2" w .....\$19.95 pr.



CL-454 (Black, White or OPT.)  
 P/N 09-43960 (Blk), P/N 09-43961 (Wh)  
 1" h x 27" w .....\$19.95ea.



CL-164 (Black, White or OPT.)  
 P/N 09-43962 (Blk), P/N 09-43963 (Wh)  
 1-1/2" h x 15-1/2" w .....\$12.95 ea.



CL-297 (Black, White or OPT.)  
 P/N 09-43964 (Blk), P/N 09-43965 (Wh)  
 1-1/2" h x 10-1/4" w .....\$13.95 ea.



CL-327 P/N 09-43966 (Blk/Wh)  
 P/N 09-43967 (Blk/Gd)  
 2" h x 3-3/4" w .....\$13.95 ea.



CL-178 P/N 09-43968 (Black)  
 P/N 09-43969 (Silver)  
 P/N 09-43970 (R), P/N 09-43971 (Bl),  
 1-1/8" h x 9" w .....\$13.95 ea.



CL-102 (Black, White or OPT.)  
 P/N 09-43972 (Blk), P/N 09-43973 (Wh)  
 1/3/4" h x 11-1/2" w .....\$12.95 ea.



CL-485 (Black, White or OPT.)  
 P/N 09-43977 (Blk), P/N 09-43978 (Wh)  
 4" h x 12.5" w .....\$12.95 ea





# LOGO DECALS

## CENTURION

CL-311 P/N 09-43981 (Blk)  
P/N 09-43982 (Wh)  
1-3/16"h x 10-3/4"w \$10.95 ea.

## Stationair

CL-137 P/N 09-43983 (Blk)  
P/N 09-43984 (Wh)  
1-1/2"h x 14-1/2"w \$16.80 ea.

## SKYMASTER

CL-359 P/N 09-43985 (Blk)  
P/N 09-43986 (Wh)  
1-1/2"h x 11-1/2"w \$13.95 ea.

## SKYMASTER 337

CL-179 P/N 09-43987 (Blk)  
P/N 09-43988 (Wh)  
1-1/2"h x 15-1/8"w \$23.30 ea.

## GoldenEagle

CL-126 P/N 09-43989 (Blk),  
09-43990 (W), 09-43991 (Gd)  
2-1/2"h x 13-5/8"w \$13.95 ea.

## 421 GOLDEN EAGLE

CL-299L&R 09-43992 (Blk)  
09-43993 (W), 09-43994 (Gd)  
1-5/8"h x 24"w \$13.95 ea.

## TURBO CHARGED

CL-203 P/N 09-43995 (Blk)  
P/N 09-43996 (Wh)  
1-3/4"h x 21"w \$13.95 ea.

## CHRISTEN HUSKY

CH-060 P/N 09-43997 (Blk)  
P/N 09-43998 (Wh)  
3/4"h x 7-1/4"w \$12.95 ea.



CR-031 P/N 09-43999 (Blk)  
P/N 09-44001 (Wh)  
6-3/8"h x 12"w (up to 15"w)  
\$19.95 ea.

## EXTRA 200

ET-001 P/N 09-44002 (Blk)  
P/N 09-44003 (Wh)  
1-3/4"h x 15-1/2"w \$14.95 ea.

## EXTRA 300

ET-002 P/N 09-44004 (Blk)  
P/N 09-44006 (Wh)  
1-3/4"h x 15-1/2"w \$16.95 ea.



FU-002 P/N 09-44007 (Blk)  
P/N 09-44008 (Wh)  
4-3/4"h x 16-1/2"w \$17.95 ea.



GL-002L&R (Full Color on Tail)  
P/N 09-44009  
4-1/2"h x 15"w \$39.95 ea.

## GULFSTREAM

GL-016 P/N 09-44011 (Blk)  
P/N 09-44012 (Wh)  
3/4"h x 5-1/2"w \$11.95 ea.

## Learjet

LE-001 P/N 09-44013 (Blk)  
P/N 09-44014 (Wh)  
3-1/8"h x 10-1/4"w \$13.95 ea.

## Meyers 200

MR-001 P/N 09-44016 (Blk)  
P/N 09-44017 (Wh)  
1"h x 5-1/2"w \$15.60 ea.

## MOONEY Ranger

ML-053L&R P/N 09-44018 (Blk)  
P/N 09-44019 (Wh)  
1-1/2"h x 9"w \$12.95 ea.

## Mooney 201

ML-037 (Black, White or OPT.  
Wing Tip) P/N 09-44021 (Blk)  
P/N 09-44022 (Wh)  
1-1/4"h x 8-3/4"w \$19.95 ea.

## Turbo Mooney 231

ML-017 P/N 09-44023 (Blk)  
P/N 09-44024 (Wh)  
1-3/4"h x 18"w \$17.95 ea.

## TLS

ML-012 P/N 09-44026 (Blk)  
P/N 09-44027 (Wh)  
1-1/2"h x 4-1/4"w \$14.95 ea.

## Ryan Navion

RYAN AERONAUTICAL CO. SAN DIEGO  
NL-004 P/N 09-44028 (Blk)  
P/N 09-44029 (Wh)  
3-1/4"h x 12"w \$19.95 ea.

## Fal Pacer

PL-128 P/N 09-44031 (Blk)  
P/N 09-44032 (Wh)  
2-1/4"h x 18-1/2"w \$18.95 ea.

## LANCE

PL-248 P/N 09-44033 (Blk)  
P/N 09-44034 (Wh)  
1-1/2"h x 10"w \$12.95 ea.

## LANCE II

PL-073 P/N 09-44036 (Blk)  
P/N 09-44037 (Wh)  
1-5/8"h x 14-1/4"w \$12.95 ea.

## APACHE

PL-116 P/N 09-44038 (Blk)  
P/N 09-44039 (Wh)  
2-3/8"h x 10-7/8"w \$12.95 ea.

## aztec

PL-058 P/N 09-44041 (Blk)  
P/N 09-44042 (Wh)  
1-3/4"h x 3-1/2"w \$13.95 ea.

## DAKOTA

PL-019 P/N 09-44043 (Blk)  
P/N 09-44044 (Wh)  
1-1/8"h x 9-1/2"w \$11.95 ea.

## SEMINOLE

PL-020 P/N 09-44046 (Blk)  
P/N 09-44047 (Wh)  
1-1/2"h x 15"w \$15.95 ea.

## NAVAJO

PL-091 P/N 09-44048 (Blk)  
P/N 09-44049 (Wh)  
3"h x 23-1/2"w \$15.95 ea.

## CHIEFTAIN

PL-083 P/N 09-44051 (Blk)  
P/N 09-44052 (Wh)  
2"h x 20-5/8"w \$15.95 ea.



RL-018 P/N 09-44053 (Blk)  
P/N 09-44054 (Wh)  
6-1/2"h x 7"w \$13.95 ea.

## Commander 112A

RL-027 P/N 09-44056 (B/W)  
P/N 09-44057 (W/B)  
3"h x 21-1/2"w \$16.95 ea.

## Commander 112B

RL-016 P/N 09-44058 (B/G)  
P/N 09-44059 (W/G)  
3"h x 16-1/2"w \$15.95 ea.

## Commander 112TC

RL-025 P/N 09-44061 (B/W)  
P/N 09-44062 (W/B)  
2-7/8"h x 22-1/2"w \$16.95 ea.

## VELOCITY

VL-005 P/N 09-44063 (Blk)  
P/N 09-44064 (Wh)  
3"h x 13"w \$17.95 ea.



WL-004 P/N 09-44066  
(Black, Gold, & Red)  
3-1/4"h x 15-1/4"w \$29.95 ea.

## Barracuda

HB-017 P/N 09-44069 (Blk)  
P/N 09-44071 (Wh)  
2"h x 2-1/2"w \$12.95 ea.

HB-038 ( Wing Tip)  
09-44072 (Blk), 09-44073 (Wh)  
2-1/4"h x 12"w \$11.95 ea.

## Diamond Aircraft

HB-139 P/N 09-44074 (Blk)  
P/N 09-44076 (Wh)  
3-3/4"h x 19"w \$14.95 ea.



HB-124 P/N 09-44077 (Blk)  
P/N 09-44078 (Wh)  
4-1/2"h x 16-1/2"w \$19.95 ea.



HB-126 P/N 09-44079 (Blk)  
P/N 09-44080 (Wh)  
8"h x 24-1/4"w \$25.95 ea.

## KITFOX

HB-023 P/N 09-44082 (Blk)  
P/N 09-44083 (Wh)  
1"h x 4-1/4"w \$8.95 ea.



HB-027 P/N 09-44084 (Blk)  
P/N 09-44086 (Wh)  
2-1/2"h x 12"w \$21.95 ea.



HB-102 P/N 09-44087 (Blk)  
P/N 09-44088 (Wh)  
2-1/2"h x 14-3/4"w \$12.95 ea.



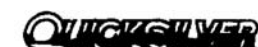
HB-046 P/N 09-44089 (Blk)  
P/N 09-44090 (Wh)  
3-1/8"h x 10-7/8"w \$19.95 ea.



HB-090 P/N 09-44091 (Blk)  
P/N 09-44092 (Wh)  
3-1/4"h x 12-1/2"w \$12.95 ea.



HB-125 P/N 09-44093 (Blk)  
P/N 09-44094 (Wh)  
2-1/2"h x 8-1/2"w \$10.95 ea.



HB-104 P/N 09-44097 (Multi-color)  
5-1/2"h x 28"w \$29.95 ea.

## RANS S7

HB-057 P/N 09-44101 (Blk)  
P/N 09-44102 (Wh)  
3-1/4"h x 25-1/4"w \$17.95 ea.

## RANS S10

HB-057 P/N 09-44103 (Blk)  
P/N 09-44104 (Wh)  
3-1/4"h x 25-1/4"w \$13.95 ea.



HB-098L&R P/N 09-44106 (Blk)  
P/N 09-44107 (Wh)  
5-1/4"h x 13"w \$25.90 /pr



HB-097L&R P/N 09-44108 (Blk)  
P/N 09-44109 (Wh)  
5-1/4"h x 13"w \$25.95 ea.



HB-096L&R P/N 09-44111 (Blk)  
P/N 09-44112 (Wh)  
5-1/4"h x 13"w \$25.90 ea.



HB-015 P/N 09-44113 (Blk)  
P/N 09-44114 (Wh)  
3"h x 6-1/2"w \$11.95 ea.



HB-016 P/N 09-44116 (Blk)  
P/N 09-44117 (Wh)  
2"h x 12"w \$11.95 ea.



HB-035 P/N 09-44118 (Blk)  
P/N 09-44119 (Wh)  
1-1/4"h x 6-7/8"w \$9.95 ea.

## ZENAIR

HB-065 P/N 09-44121 (Blk)  
P/N 09-44122 (Wh)  
1-1/4"h x 8-1/2"w \$9.95 ea.

## ROBERTSON/STOL

MS-070 P/N 09-44126 (Blk)  
P/N 09-44127 (Wh)  
2-1/2"h x 20"w \$12.95 ea.



MS-050 P/N 09-44128 (Blk)  
P/N 09-44129 (Wh)  
3-1/2"h x 3-1/2"w \$13.95 ea.



MS-061 P/N 09-44131 (Rd)  
P/N 09-44132 (Wh)  
3"h x 3-1/2"w \$10.95 ea.

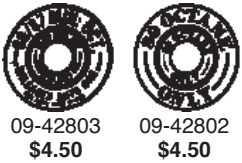


MS-061 P/N 09-44133 (Rd)  
P/N 09-44134 (Wh)  
3"h x 3-1/2"w \$11.95 ea.



# PLACARDS – DECALS

## FUEL PLACARDS



09-42803 \$4.50



09-42802 \$4.50



**80 Octane-half red/blue, round**  
P/N 09-42804 ....\$4.50  
**100 Octane, Low Lead Only**  
**Blue** P/N 09-42806 ....\$4.50  
**100 Octane Only**  
P/N 09-42808 ....\$4.50



09-42801 .....\$12.95 pr.

### USE 100/130 OCTANE FUEL ONLY

09-42810 .....\$4.50 ea.

FUEL  
80/87 MIN. GRADE AVIATION GASOLINE  
OR  
UNLEADED AUTO GASOLINE  
87 MIN. ANTIKNOCK INDEX  
PER ASTM SPEC D-439

09-42814 .....\$4.50 ea



Yellow on Black. Size: 1-1/4"x5"  
P/N 09-01141 .....\$3.50/pair



1-1/4" x 5-1/4"  
09-42812  
\$4.50 ea.



09-42809 \$0.65 ea.  
or 10 for \$3.57



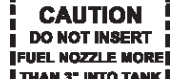
09-42604 \$4.50ea



09-42817 \$4.50ea



1-1/4" x 5-1/4"  
09-42813  
\$4.50 ea.



1-1/2" x 2-1/4"  
for Beechcraft  
09-42811 \$4.50 ea.



09-42608 \$4.50ea



09-42821 \$4.50ea



1-5/16" x 2-11/16"  
09-42827 \$2.50 ea.



1-5/16" x 2-11/16"  
09-42829 \$2.50 ea.



09-42823 \$2.50ea

## CHECKLIST PLACARDS



Fixed gear, Fixed prop  
09-42816 .....\$3.75



Fixed gear, Variable prop  
09-42818 .....\$3.75



Retractable gear, variable prop  
09-42820 .....\$3.75



Flight Plan Sequence  
09-42822 .....\$3.95

VFR minimums  
09-42824 .....\$3.75



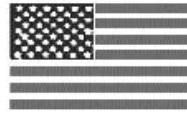
Emergency  
09-42826 .....\$2.50



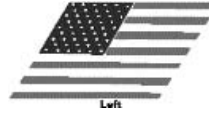
Transponder Codes  
09-42828 .....\$2.50

## AMERICAN FLAG DECALS

Sold In Pairs Only



STRAIGHT  
P/N 09-429 --



SLANTED  
P/N 09-430 --



WAVY  
P/N 09-431 --

STRAIGHT			SLANTED		WAVY	
HGT.	WIDTH	PRICE	WIDTH	PRICE	WIDTH	PRICE
4"	7.5"	\$7.90	7-1/2"	\$10.05	6"	\$9.90
6"	10.5"	\$11.90	10-3/4"	\$13.90	9"	\$13.90
8"	14"	\$15.90	14-1/2"	\$17.90	12"	\$17.95
10"	17.5"	\$21.90	18-1/4"	\$25.95	15"	\$25.95
12"	20.5"	\$29.90	21-1/4"	\$40.70	18"	\$33.95

Please order by part number. Use basic part number at top of chart, and complete part number with height of decal. Example: Wavy flag, 8" high is P/N 09-43108. Prices per pair (left & Right).

## STARS & BARS



**1943**  
Between 29 June and 14 August, the official national insignia incorporated white sidebars and an overall red surrounding.

P/N 09-432 --



**1943-1947**  
The red surround of the official insignia was quickly changed to a blue surround. During its 4 years use this insignia appeared on more aircraft than all its predecessors combined.

P/N 09-433 --



**1947-Present**  
With the reorganization of the Defense Department and the creation of the USAF, red bars were added to the official national insignia. A variation of this insignia appears officially without the blue surround on F-15 aircraft.

P/N 09-434 --



**1917, 1921-1941**  
Introduced prior to the American entry into World War I and officially adopted after the war.

P/N 09-436 --



**1942-1943**  
Some aircraft in the European and Mediterranean theaters unofficially incorporated a yellow surround in British style.

P/N 09-439 --

### PRICING

SIZE	Style 1	Style 2	Style 3	Style 4A	Style 6A
10"	\$65.00	\$45.50	\$49.95	\$36.50	\$30.00
15"	\$86.50	\$52.50	\$58.50	\$42.50	\$43.20
20"	\$87.50	\$62.50	\$69.75	\$52.50	\$45.00
25"	\$99.50	\$74.50	\$82.50	\$64.50	\$75.00
30"	\$120.50	\$93.50	\$119.95	\$83.50	\$75.50
35"	\$175.50	\$149.50	\$155.50	\$129.50	\$101.80

Please order by part no. Use basic part no. under each style number and complete part no. with size of decal. Example: Style 3 decal in 25" size is P/N 09-43425

## PLACARDS



5/8"x 3-1/4" ..P/N 09-42842  
1"x 5" .....P/N 09-42844 ..\$2.50 ea



1"x 5" .....P/N 09-42850  
5/8"x 3-1/4" P/N 09-42848 ..\$2.50ea



1"x 3" ..09-42858 ..\$1.95



1"x 3" ..09-42852 ..\$1.95



1"x 3" ..09-42854 ..\$1.95



1"x 5" .....09-42856 .....\$2.50ea



1/4"x1-3/4" .....09-42862 .....\$1.95ea



1"x 4" .....09-42846.....\$2.50ea



1"x 3" .....09-42860.....\$2.00ea

All the placards & decals on this page are produced on long lasting UV coated pressure sensitive adhesive vinyl. They are computer cut using no clear background so they won't yellow. These are all top quality decals which will enhance your aircrafts looks for years to come. Do not settle for "cheap" imitations.

# AIRCRAFT PLACARD KITS

**EXPERIMENTAL AMATEUR BUILT AIRCRAFT**

MODEL \_\_\_\_\_  
 SERIAL NO. \_\_\_\_\_ EMPTY WT. \_\_\_\_\_  
 DATE OF MFG. \_\_\_\_\_ GROSS WT. \_\_\_\_\_  
 ENGINE \_\_\_\_\_ H.P. \_\_\_\_\_

**BUILT BY**

NAME \_\_\_\_\_  
 ADDRESS \_\_\_\_\_  
 CITY / STATE \_\_\_\_\_

**NAMEPLATE** - All amateur-built aircraft must have a nameplate. Etch or stamp required data on this indestructible stainless steel nameplate. Conforms to FAA requirements. Size: 3"x 4-1/4".  
 P/N 09-33200 .....\$4.20ea

**AIRCRAFT IDENTIFICATION**

BUILDER \_\_\_\_\_  
 MODEL \_\_\_\_\_  
 SERIAL NO. \_\_\_\_\_  
 PROD. CERT. \_\_\_\_\_  
 TYPE CERT. \_\_\_\_\_

**STAINLESS STEEL ID TAG** - Suitable for all aircraft. Made of .0014 acid-etched stainless steel. Also available in computer-cut vinyl. Size: 3"x 2".  
 P/N 09-33200 .....\$4.20ea

## PASSENGER WARNING PLACARDS

**PASSENGER WARNING**  
 THIS AIRCRAFT IS AMATEUR BUILT AND DOES NOT COMPLY WITH THE FEDERAL SAFETY REGULATIONS FOR STANDARD AIRCRAFT

This placard must be displayed in the cockpit of all amateur-built aircraft. Red on white vinyl. Self-adhesive.

Size: 1-1/4" x 3-3/4" .....P/N 09-33300 .....\$1.95 Ea.

Dry transfer passenger warning placards available in black or white. Specify lettering.

Black .....P/N 09-33310 .....\$1.65 ea.  
 White .....P/N 09-33320 .....\$1.59 ea.

## FUEL OCTANE DECALS

**MIN. FUEL OCT. 80/87**

**MIN. FUEL OCT. 100/130**

Handsome vinyl placards have brilliant red lettering on a white background. Simply remove paper backing and apply. Size: 1" x 2-7/8".

80/87 red on white .....P/N 09-33610 .....\$2.25 pr.  
 80/87 green on clear .....P/N 09-33615 .....\$1.95 pr.  
 100/130 red on white .....P/N 09-33700 .....\$2.75 pr.  
 100/130 red on clear .....P/N 09-33710 .....\$1.95 pr.

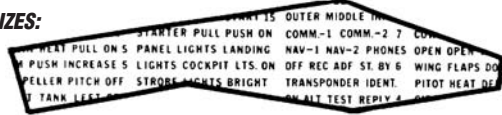
**EXPERIMENTAL** Single-piece decal with adhesive back. No need to line up 12 individual letters. One-step operation. Just remove protective backing and apply to any clean surface. 2" black letters on clear Mylar base. Decal Size: 2-1/4" x 19".  
 Set of 2 .....P/N 09-33400 .....\$4.95

**LSA EXPERIMENTAL DECALS** - Same as our EXPERIMENTAL Decals, complies with marking requirements for LSA. Available in:  
 Black on Clear .....P/N 09-00762 .....\$2.25  
 Black on White .....P/N 09-00782 .....\$2.25  
 White on Clear .....P/N 09-00783 .....\$2.25

**NO STEP** Bright red on white vinyl. Letters are 1" high. Decal size: 1-3/8" x 4-3/8".  
 P/N 09-33500 .....\$1.25ea

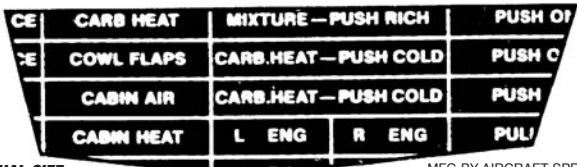
## PANEL MARKING SETS

**ACTUAL TYPE SIZES:**  
 THROTTLE  
 THROTTLE



**DRY TRANSFER TYPE** - Over 200 pressure sensitive labels and words conveniently grouped for ease of transfer to airplane controls or instrument panel. Available in two type sizes (see illustration) and in black or white lettering (specify).

Large Black .....P/N 09-34600 Large White .....P/N 09-34700  
 Small Black .....P/N 09-34800 Small White .....P/N 09-34900  
 \$6.55 Set



**ACTUAL SIZE** MFG BY AIRCRAFT SPRUCE

**SELF-ADHESIVE VINYL TYPE** - White lettering on black background. Just cut, peel and press in place. Includes 349 of the most commonly used cockpit identifications and symbols (avionics, electrical, engine and aircraft controls) plus 248 numbers & letters. The most complete selection available.  
 P/N 09-35000 .....\$4.80 Set



**HOMEBUILDERS TYPE** - Self-adhesive vinyl markings for the Long-EZ but applicable to many other aircraft. P/N 01-37800 .....\$2.85 Set

**NO PUSH**

P/N 09-34200

**NO LIFT**

P/N 09-34300

**LIFT HERE**

P/N 09-34400

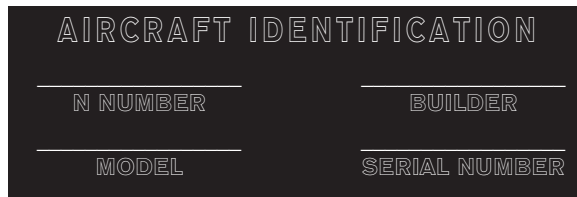
**NO STEP**

P/N 09-34500

Soft aluminum decals, 1-1/4"H x 3-3/4"L, with black lettering.

\$4.45 ea.

## AIRCRAFT IDENTIFICATION DATA PLATES



We offer the Aircraft I.D. Plates required by the FAA for all aircraft. This 1"x3" plate is thin aluminum, black anodized. Comes engraved with your aircraft model & serial numbers and ready to install on the aircraft. Specify Builder, Model, Serial No., & "N" numbers.

Experimental .....P/N 09-40000 .....\$10.95  
 Factory Built .....P/N 09-00447 .....\$10.95



Distinctive aircraft identification names, either stencils for painting or black vinyl lettering for easy press-on application.

Aircraft	Vinyl		Stencils	
	Part No.	Price/Set	Part No.	Price/Set
Cessna Piper	09-33800	\$5.85	09-33900	\$10.95
	09-34000	\$5.85	09-34100	\$9.40

## CARDBOARD DIE-CUT ONE-PIECE STENCILS

	Size	Part No.	Price Each
EXPERIMENTAL	2"H x 18"L	09-32400	\$5.95
NO STEP	2"H x 4-3/4"L	09-32500	\$4.65
NO PUSH	1"H x 4-3/4"L	09-32600	\$2.25
NO STEP	1"H x 4-3/4"L	09-32700	\$2.85



## U.S. FLAG DECALS

Proudly display the Red, White, & Blue. Colorful vinyl pressure-sensitive U.S. Flag decals in right & left hand pattern.

2.5" x 4" .....P/N 13-01485 .....\$5.95  
 4" x 6.5" .....P/N 09-35400 .....\$5.95  
 6" x 10.5" .....P/N 09-35500 .....\$6.60

## AIRCRAFT SPRUCE LOGO DECALS



These royal blue on white self-adhesive oval shaped decals of the Aircraft Spruce & Specialty Company logo look great on your airplane, bumper, reference books, etc. Available in 3 sizes.

4" wide .....P/N 09-40400 .....FREE  
 8" wide .....P/N 09-40410 .....FREE  
 18" wide .....P/N 09-40420 .....FREE

# STENCILS – VINYL LETTERS

## 12-1NCH STENCIL NUMBER STRIP

Highly recommended as the easiest and most effective way to apply painted 12" stenciled "N" numbers on any aircraft. These come pre-spaced and aligned horizontally or vertically and assure a professional looking job. Shipped factory-direct to you within 48 hours. Provide exact "N" number when ordering. Special order - Non-returnable. Please specify horizontal or vertical. 6 Characters on each strip or less. Made of Vinyl.

- 12" Strip (straight) (right/left) .....P/N 09-00287...**\$54.75 set**
- 12" Strip (slanted) (right/left) .....P/N 09-00288...**\$48.95 set**

## 3-INCH STENCIL STRIP

Vertical or horizontal lettering individually spaced and aligned. Advise number. Stencils will be made-to-order and shipped in about two weeks.

- Straight Set of 2 (Right/Left) .....P/N 09-00289...**\$14.95 set**
- Slanted Set of 2 (Right/Left) .....P/N 09-00290...**\$14.95 set**

## INDIVIDUAL FIGURE STENCILS

**N4804K N2510T N6979N**  
**N425WT N100MD N51ER**

Precut sticky paper masks for spraying registration numbers. Used by Piper and other aircraft manufacturers. Order two of each character for vertical stencils. Slanted stencils are furnished in pairs (R/L), so order one pair of each character. Order by part number. For last digit, put in number or letter needed.

- 3 Inch Vertical Figures .....P/N 09-3280x .....**\$1.25 Ea**
- 12 Inch Vertical Figures .....P/N 09-3290x .....**\$5.00 Ea**
- 12 Inch Slanted Figures.....P/N 09-3300x .....**\$11.25 Pr**

**Painting Options:** These stencils offer you two methods of spraying lettering incorporated in a single stencil.

- You can: (1) Letter after the body color has been applied or  
 (2) Letter before the body color has been painted. This second method provides recessed, protected lettering and eliminates masking.

## LETTERING & NUMBERS

For any use. Available in over 40 type styles. Most colors available.

Cap Size (Inches)	In Stock Colors	Slanted or Reversed	Reflective & Metallic
3/4	.40	.45	N/A
1	.75	.80	.80
1-1/2	.75	.80	.80
2	1.00	1.05	1.05
2-1/2	1.00	1.05	1.05
3	1.35	1.40	1.40
4	1.35	1.40	1.40
4-1/2	1.50	1.55	1.55
5	1.50	1.55	1.55
6	1.80	1.85	1.85
7	2.25	2.30	2.30
8	2.50	3.00	3.00
9	4.00	4.50	4.50
10	5.00	5.50	5.50
12*	6.75	7.05	7.05

\*Numbers excluded



## TRACE-IT STENCIL SETS

Allows for stenciling of every letter and number. NOTE: Illustration is portrayal of item you actually receive - each kit contains 3", 12" and 24" sizes.

- P/N 09-42831 .....**\$39.85**

## 12-INCH VINYL STRIP

The fastest and easiest way to apply registration numbers. These numbers come pre-spaced and aligned and are ready to apply in one simple operation. These are top quality numbers which are shipped factory direct to you within 48 hours. Provide exact "N" number when ordering. Standard type style is helvetica. Military block, drop shadow, or outline styles are also available.

- Straight 12" Strip (6 Characters max. on each) Black or white  
 P/N 09-41910 .....**\$49.95 pr.**

- Slanted 12" Strip (6 Characters max. on each) Red, Blue or Gold  
 P/N 09-41922 .....**\$49.95 pr.**

## 12-1NCH INDIVIDUAL VINYL NUMBERS

We now offer new 12" vinyl "N" numbers as now required for return flight to the U.S. from foreign countries. Available in black, gold, red, white or blue. Numbers are slightly slanted. Basic part number is 09-387xx. Second to last digit is for color. 1 – Black, 6 – Gold, 7 – Red, 8 – White, 9 –Blue. For last digit, put in number or letter needed.

- Slanted 12" Individual #'s .....**\$10.50 / pair**
- Straight 12" Individual #'s .....**\$9.50 / pair**



## 3-1NCH VINYL NUMBER STRIP

"N" Number Strips assure handsome registration numbering in minutes. Complete made-to-order 3" registration number on adhesive application strip individually spaced and aligned (NOT A FILM). Lay strip on aircraft and remove backing. Permanent number remains bonded to aircraft. A real time saver. Will outlast paint - look better. Available in black, white or gold. Vertical or horizontal lettering. 2-week delivery. Specify vertical or horizontal lettering and color.

- Straight .....Set of 2 (Right/Left).....P/N 09-00294 .....**\$14.95 set**
- Slanted .....Set of 2 (Right/Left).....P/N 09-00302 .....**\$14.95 set**

## 3-1NCH VINYL INDIVIDUAL NUMBERS

Individual vertical numbers and letters. Pressure sensitive vinyl for easy application. Black only. No slanted numbers available. Basic part no. is 09-3310x. For last digit, put in number or letter needed.

**\$1.25 ea.**

## "N" NUMBERS

Letter styles available for your aircraft. 3" and 12" vinyl strips.

**N6428L N6428L**

- Helvetica Straight **\$4.50/letter** Helvetica Slanted **\$5.25/letter**
- Monumenty Block **\$9.00/ letter** Monument Block Slant **\$9.00/ letter**

## PROPELLER DECALS

*Sold In Pairs Only*



09-42830 **\$5.95 pr.**



09-42832 **\$5.95 pr.**



09-42834 **\$5.95 pr.**



09-42836 **\$5.95 pr.**



09-42838 **\$5.95 pr.**



09-42840 **\$5.95 pr.**

# AIRCRAFT PLACARD KITS — AIRPORT DECALS

## INTERIOR PLACARD KITS

These quality decal sets are designed to provide all the necessary placards for the interior of various production and homebuilt aircraft. These interior kits are color coordinated to match factory originals. Just cut the decals you want to use from the card and apply to the aircraft interior.

DESCRIPTION	P/N	PRICE
<b>AVIONICS</b>	AI-001	\$13.40
<b>BEECHCRAFT</b>		
MUSKATEER 19, 23	BIK-006	\$60.75
24, 24R, SIERRA	BIK-002	\$56.25
33, 35, 36 SERIES	BIK-003	\$104.95
TWIN BONANZA	BIK-005	\$104.95
<b>BELLANCA</b>		
CITABRIA/DECATHLON	BCIK-001	\$56.25
<b>CESSNA</b>		
120/140/150/152	CIK-001	\$50.00
170/172/175	CIK-002	\$49.95
177/177RG	CIK-003	\$56.25
180/182/185	CIK-004	\$49.95
190/195	CIK-005	\$50.00
205/210/210P	CIK-007	\$88.95
310 H M P Q	CIK-008	\$135.95
310 P-Q	CIK-009	\$113.95
310 -D	CIK-011	\$113.95
336/337	CIK-010	\$138.95
<b>ERCOUPE</b>	EIK-001	\$87.00
<b>GROB</b>		
SEAPLANE	IK-001	\$41.70
<b>GRUMMAN</b>		
AA1/AA1A	GIK-001	\$35.10
AA1B/AA1C	GIK-002	\$50.00
AA5/AA5A, AA5B	GIK-003	\$62.00
COUGAR	GIK-004	\$120.95
BARON	BIK-004	\$125.00
<b>PIPER</b>		
PA-18 SUPER CUB	PIK-002	\$32.95
PA-23 AZTEC SERIES	PIK-011	\$82.25
PA-24 COMANCHE	PIK-008	\$54.25
PA-28 140-181 CHEROKEE	PIK-005	\$53.95
PA-28 235-236	PIK-007	\$53.95
PA-28 R ARROW SERIES	PIK-006	\$54.25
PA-30 TWIN COMANCHE	PIK-010	\$71.00
PA-32 CHEROKEE-LANCE	PIK-009	\$54.25
SARATOGA		
PA-34 SENECA SERIES	PIK-012	\$79.25
PA-38 112 TOMAHAWK	PIK-004	\$28.95
PA-44 SEMINOLE SERIES	PIK-013	\$73.50
TRI-PACER	PIK-003	\$31.95
<b>WESTWIND</b>	WIK-001	\$208.95
<b>UNIVERSAL INTERIOR</b>	UI-001	\$9.60
	UI-002	\$10.90

## AIRPORT DECALS



These high quality peel-&-stick decals feature the 3-letter identifier of the airport in large letters. The name of the airport is spelled out across the top of the decal and frequencies for ATIS, Tower, and ground, plus elevation and Lat./Long. of the airport are at the bottom of the sticker. Black on white background. They look great on car bumpers, airport carts, notebooks, flight files, etc. Approx. size: 2.5" h x 4" w. Oval shaped.

Airport ID	Airport	Part No.	Price
AJO	Corona, CA	13-01585	\$2.95
CNO	Chino, CA	13-01666	\$2.95
EMT	El Monte, CA	13-01661	\$2.95
FUL	Fullerton, CA (Municipal)	13-01669	\$2.95
HND	Las Vegas, NV (Henderson)	13-01672	\$2.95
LAS	Las Vegas, NV (McCarran)	13-01668	\$2.95
LAX	Los Angeles, Int'l., CA	13-01665	\$2.95
LGB	Long Beach, CA	13-01664	\$2.95
POC	Pomona, CA (Brackett Fld.)	13-01662	\$2.95
SNA	Santa Ana, CA (John Wayne)	13-01663	\$2.95
SMO	Santa Monica, CA (Municipal)	13-01671	\$2.95
USA	United States of America Remembered	13-01667	\$2.95

## EXTERIOR PLACARD KITS

**NO STEP NO STEP NO STEP NO STEP NO PUSH NO PUSH NO PUSH NO PUSH**

**AERO D-CALS**  
P.O. Box 3779 • CORONA, CA 92623 • (714) 991-1300

**STATIC AIR KEEP CLEAN**  
PULL TO CHECK LATCH  
TURN TO OPEN  
PULL TO CHECK LATCH  
PULL TO OPEN  
TIE DOWN  
TIE DOWN  
TIE DOWN  
TIE DOWN

**NOTICE**  
THIS DECAL IS DESIGNED TO BE MOUNTED TO THE AIRCRAFT FOR CORRECT TENSILE VALUES.  
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**JACK ATTACH POINT**  
**JACK PAD**  
**JACK PAD**

**EMERGENCY LOCATOR TRANSMITTER**  
PUSH TO OPEN  
LOCKED  
OPEN

**Beechcraft**  
**AIR CONDITIONED**  
**RADAR EQUIPPED**

LEVEL POINT LEVEL POINT  
HEAT TREATED ASSEMBLY  
HEAT TREATED ASSEMBLY

**AVGAS ONLY**  
GRADE 100LL GRADE 100 CAPACITY  
WITH WINGS LEVEL  
FOR ALTERNATE FUELS SEE PILOTS OPERATING HANDBOOK

**AERO D-CALS**  
P.O. Box 3779 • CORONA, CA 92623 • (714) 991-1300

**EXTERNAL POWER 24 VOLT DC**  
DO NOT INSERT FUEL NOZZLE MORE THAN 3 INCHES INTO TANK  
DO NOT INSERT FUEL NOZZLE MORE THAN 3 INCHES INTO TANK  
**NO HANDLE NO HANDLE**  
FUEL CELL SUMP DRAIN DAILY  
FUEL CELL SUMP DRAIN DAILY  
EXTERNAL POWER 12 VOLT DC

54 US GAL (51 USEABLE)  
40 US GAL (37 USEABLE)  
35 US GAL (32 USEABLE)  
30 US GAL (27 USEABLE)  
20 US GAL

54 US GAL (51 USEABLE)  
40 US GAL (37 USEABLE)  
35 US GAL (32 USEABLE)  
30 US GAL (27 USEABLE)  
20 US GAL

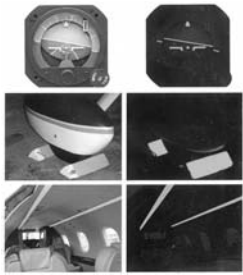
**Beechcraft**

Aircraft Model	P/N	Price
Helicopter (Universal)	09-44201	\$37.50
Single Engine (Universal)	09-44202	\$37.50
Mooney M20/21	09-44203	\$46.20
Piper PA28 Cher/Warrior/Archer II	09-44204	\$41.70
Piper PA32 Cher/Lance/Saratoga	09-44206	\$45.50
Piper PA32 Apache/Aztec	09-44207	\$62.00
Piper PA34 Seneca I/II/III	09-44209	\$62.25
Piper PA30/39 Twin Comanche	09-44211	\$79.95
Piper PA31T/42T Cheyanne	09-44205	\$188.95
Cessna 100/200	09-44213	\$29.95
Cessna 300 Series	09-44210	\$143.95
Cessna 400 Series	09-44220	\$83.50
Cessna 425/441	09-44235	\$112.00
Cessna Jet 500 Series	09-44245	\$157.00
Beech Bonanza V35	09-44216	\$126.95
Beech Baron 55/58	09-44251	\$123.95
Beech Duke 60	09-44217	\$157.00
Beech Queen Air 65/88	09-44218	\$157.00
Beech King Air 90/200/300	09-44250	\$161.95
Beech Jet 400 Series	09-44255	\$361.00
Saber Jet 40/60	09-44219	\$193.00
Hawker Jet 500	09-44280	\$164.00
Westwind Jet 1100	09-44223	\$209.00
Gulfstream 690-1000	09-44224	\$157.00
Challenger Jet 600	09-44227	\$169.00
Falcon Jet 10/20	09-44228	\$169.00
Lear Jet 20 Series	09-44260	\$165.00
Lear Jet 30 Series	09-44265	\$165.00
Lear Jet 50 Series	09-44231	\$165.00
Rockwell 112/114	09-44232	\$62.00
Rockwell Gulf Stream 690	09-44233	\$131.00
Mitsubishi MU2	09-44235	\$112.00

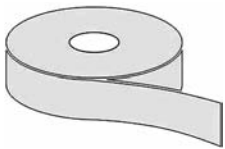
Die cut decal kits are available on request. Call for quotation.

CS

# PHOTOLUMINESCENT SIGNS



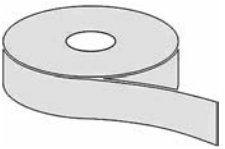
Aviation professionals and enthusiasts know the dangers of spinning propellers, inadequately marked entrance and exit routes, obscure cockpit switches and poorly marked emergency equipment. Without technology for safer, easier and more affordable solutions, the aviation community has grown accustomed to living with, and working around, these hazards. Over the last 10 years new photoluminescent (glow-in-the-dark) technology has revolutionized safety signage. Ten times brighter and ten times longer lasting than legacy technologies, these materials have set the new standard for modern safety codes. Non-electric low-maintenance and non-radioactive products are an affordable safety solution that can be tailored to your aircraft. Available in several convenient forms (paint, powdercoat, cast-acrylic, and peel-and-stick tape and sheets), the material can be used in a variety of ways.



## INTERIOR/EXTERIOR TAPES

These tapes are used primarily for interior applications, although it will work fine outside in mild climates and can be used on an aircraft and hangar for both interior and exterior applications. It has a very effective adhesive, and it is easy to keep clean. It's used to label important switches in the cockpit, like your flap switch, fuel selector, exit handles, or any switch or lever that the individual pilot feels is important to him or her; especially in the event of a power failure in flight at night. Some radio knobs are very hard to see at night, so just a little round circle of PL tape can make it a lot easier for your fingers to find their way around the cockpit. Every flashlight that you carry in your a/c or at home for that matter should have this tape on it. It's not a replacement for the flashlight, but it's the "initial" light source that will help you find what you're looking for. Also good on handheld radios, GPS, first aid kits, cockpit pencils, etc. Peel & Stick.

1"x 30 ft. roll.....P/N 09-01280 .....\$37.65  
2" x 30 ft. roll .....P/N 09-01291 .....\$67.90



## SEMI-RIGID VINYL TAPE

This 1.5" semi-rigid vinyl tape works well on chocks (wood or metal), tow bars, tugs (put it next to the reflective tape currently installed for starters), wrap it around the poles that stand outside of your self serve refueling area, mark the deck or bulkheads of your hangar walkway areas. Keep in mind, this is a very durable application that can take a pretty good beating; so it is also recommended for show removal equipment. FOD sweepers, etc. Something else to consider, this material can be written on with a simple permanent marker. If you applied it to a tug re-refueling port (so you could find it in the dark), and the tug used only mogas (car gas), vice diesel, you would label it MOGAS ONLY or Diesel Only if it was a diesel tug. Furnished with Foam Adhesive Mounting System.

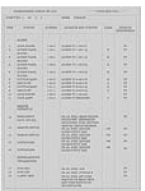
1-1/2"x 30ft roll....P/N 09-01290 .....\$138.85



## CIRCULAR DIRECTIONAL MARKERS

These are primarily used for exterior applications. The adhesive is very aggressive. It's used to mark the inside of Hangars, and on aircraft wingtips. Perfect for tugs and refueling trucks

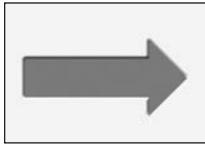
Red .....P/N 09-01281\$7.95      Green.....P/N 09-01283 \$7.95  
Blue .....P/N 09-01282\$7.95      Yellow .....P/N 09-01284 \$7.95



## PROCEDURE CHECKLIST KIT

You can make your own checklist, print it on a transparency (in mirror image) and follow the instruction attached. These are really best suited for pre-start, start, run-up, and take off checklists. They will provide about 2 hours of afterglow. Like any PL material, they will need to be charged somehow. We recommend leaving them exposed in the FBQ during your pre-flight brief and they will provide ample afterglow to get you airborne. Kit includes ten 8-1/2 x 11 sheets. Peel & Stick.

P/N 09-01294 .....\$73.50



## RECTANGULAR DIRECTIONAL MARKERS

These are primarily used for exterior applications. The adhesive is very aggressive. It's used to mark the inside of Hangars, and on aircraft wingtips. Perfect for tugs and refueling trucks

Red ....P/N 09-01285 .....\$9.95      Green.....P/N 09-01287 .....\$9.95  
Blue ....P/N 09-01286 .....\$9.95      Yellow ....P/N 09-01288 .....\$9.95



## NON-SKID STRIPS

These photoluminescent non-skid strips are for interior application. A good example for their use would be the stairway of a King-Air, or an air-stair on a Light Business Jet. Other uses might be in a smooth concrete floor inside a hangar door where someone with wet or snowy boots might slip. Of course they work great on smooth metal stair cases that might be found in the FBO maintenance work spaces where the technicians & mechanics clean up after work; those floors are traditionally slippery and not kept clean. These strips clean up very nicely, have a very good adhesive properties, provided they are applied properly (like any peel & stick application). Furnished in packs of 10. Size 6" x 24".

Pack of 10 .....P/N 09-01289 .....\$124.50

## REFLECTIVE HANGAR SIGNS



These Hangar signs feature reflective red lettering and are available in 2 sizes. Peel & Stick.

4"X12" .....P/N 09-01293 .....\$14.95  
4"X24" .....P/N 09-01292 .....\$25.50

## HIGH WING FUEL PORT KIT

The high wing kit has two PL fuel port rings, 10 PL marking arrows (for steps, doors, access doors, marking tie down rings, etc). 10 feet of PL tape for marking the outboard of wing struts, switches, throttle, flaps switch, fuel selector, etc. (all peel & stick).

P/N 09-01295 .....\$38.95

## FUEL PORT RINGS

Because the fuel port rings may have different size screw heads due to past repairs, we're recommending the owner punch his/her own holes. Lay the ring over the screws on the fuel port; PL side DOWN. Press lightly with your thumb over the screw heads to indent the PL. Then place the ring over a block of wood; PL side UP, and with a 3/8" punch (or larger depending on the size of your screw heads) placed over the center of the mark (left by pressing the PL ring over the screws) hammer out the hole.

P/N 09-01296 .....\$11.95

