

PAINT • DOPE • COVERING SUPPLIES

CONTENTS

Randolph Products.....	207	Generic Solvents and Thinners	216
Ceconite Products.....	211	Spray Paints and Primers	216
Poly-Fiber Products	212	Miscellaneous Covering Supplies	216
Ceconite/Randolph Material Estimates	213	Poly-Fiber Material Estimates	219

Many of the chemical-based products in this section are classified as HAZMAT items by delivery companies, and as such cannot be shipped outside the lower 48 United States. Deliveries to U.S. addresses may incur additional Hazmat Fees on top of regular shipping charges. For more information, please contact our customer service team toll-free at 1-888-433-5433.

Randolph Dopes

210 Tautening Nitrate Dope (Clear)

Used to seal and shrink organic fabrics, Grade A cotton, Irish linen, silk and silkspan for model airplanes. Not recommended for use on Ceconite or other synthetic polyester fabrics. Thin 1:1 with 286 Nitrate Thinner.

1 quart.....	20-210-3	\$31.81
1 gallon.....	20-210-4	\$104.36
5 gallon.....	20-210-5	\$547.00
55 gallon.....	20-210-55	\$4,972.54

9701 Tautening Butyrate Dope (Clear)

Used to shrink and seal organic fabrics, Grade A cotton and Irish linen. Not recommended for use on Ceconite or other synthetic polyester fabrics. Thin 1:1 with 286 Nitrate Thinner.

1 quart.....	20-9701-3	\$26.04
1 gallon.....	20-9701-4	\$801.76
5 gallon.....	20-9701-5	\$421.83
55 gallon.....	20-9701-55	\$3,620.87

286 Nitrate Thinner

Used to reduce G-6302 Rand-O-Proof, W-7868 Non-Tautening Nitrate Dope (Blue) and E-4964 Non-Tautening Nitrate (Clear). Mix ratio 1:1.

1 quart.....	20-286-3.....	\$22.97
1 gallon.....	20-286-4.....	\$64.33
5 gallon.....	20-286-5.....	\$321.64
55 gallon.....	20-286-55.....	\$2,910.12



Non-Tautening Nitrate Dope

These non-tautening nitrate dopes are used exactly as G-6302 Rand-O-Proof, specially formulated for the first coats on Ceconite polyester fabric. Available in clear or blue tint. Packaging, coverage, mixing, thinning, application, dry time and shelf life are identical to Rand-O-Proof. Can be thinned with 286 Nitrate Thinner.



W-7868 Blue

1 quart.....	20-W7868-3	\$32.38
1 gallon.....	20-W7868-4	\$106.59
5 gallon.....	20-W7868-5	\$547.98

E-4964 Clear

1 quart.....	20-E4964-3	\$32.24
1 gallon.....	20-E4964-4	\$104.09
5 gallon.....	20-E4964-5	\$545.82

G-6302 Rand-O-Proof (Green)

Specially formulated for the first coats on Ceconite polyester fabric. It is also used to apply finishing tapes and to pre-coat large surfaces of wood or metal that will be covered with fabric. Pre-coating wood or metal with nitrate dope promotes adhesion and helps prevent pinholes in subsequent coatings. Tinted transparent green for visibility upon application. Can be thinned with 286 Nitrate Thinner.



1 quart.....	20-G6302-3	\$31.61
1 gallon.....	20-G6302-4	\$100.67
5 gallon.....	20-G6302-5	\$536.22

Non-Tautening Butyrate Dope

- Use to build coat thickness
- Adds body to the dope film while retaining flexibility
- WHITE: Best for surfaces that will be seen from inside the cockpit
- TAN: Tinted to help see the product as it is applied
- Thin with 9703 Butyrate Thinner

W-8350 Transparent Tan

1 quart.....	20-W8350-3	\$27.01
1 gallon.....	20-W8350-4	\$83.83
5 gallon.....	20-W8350-5	\$438.96
55 gallon.....	20-W8350-55	\$3,926.16

A-1690 Clear

1 quart.....	20-A1690-3	\$27.92
1 gallon.....	20-A1690-4	\$83.40
5 gallon.....	20-A1690-5	\$437.07

9703 Butyrate Thinner

Used to reduce all butyrate products, tautening or non-tautening to spray viscosity. It is normally mixed 1:1 with butyrate dopes.

1 quart.....	20-9703-3	\$23.60
1 gallon.....	20-9703-4	\$65.51
5 gallon.....	20-9703-5	\$321.64
55 gallon.....	20-9703-55	\$2,925.43

G-6303 Silver Rand-O-Fill

Pre-mixed non-tautening butyrate silver coating for UV protection. It has the correct amount of aluminum flake to insure full protection for Ceconite fabric. Mix 1:1 with 9703 Butyrate Thinner and apply by spray gun. Rand-O-Fill may be applied to either nitrate or butyrate subcoats. Ceconite fabric without the protection of Silver Rand-O-Fill will have a fraction of the service life of fabric coated with Rand-O-Fill.

1 quart.....	20-G6303-3	\$28.26
1 gallon.....	20-G6303-4	\$85.08
5 gallon.....	20-G6303-5	\$412.43

Randolph Epoxy Products

E-500 Epoxy Thinner

Used to thin Epibond and Rand-O-Plate primer as well as EV-410 Epoxy Varnish. Follow thinning directions on the primer and varnish cans. Do not substitute other solvents or thinners in these epoxy products.

1 quart.....	20-500-3	\$25.31
1 gallon.....	20-500-4	\$83.99



Epoxy Primers

Used to coat steel, aluminum, and composite surfaces before painting. Epoxy primers have superior anti-corrosive properties that exceed one-part zinc chromate primers in all levels of performance. May be used under enamels, Ranthane polyurethane, and a variety of other topcoat paints, or applied directly over old one-part primers like zinc chromate or red iron oxide.



W2248 Epibond Epoxy Primer (Off White)

1 quart.....	20-W2248-3	\$69.06
1 gallon.....	20-W2248-4	\$236.17
2½ gallon kit*	20-W2248-4KIT	\$381.91

B-6433 Rand-O-Plate Epoxy Primer (Dark Green)

1 quart.....	20-B6433-3	\$69.06
2½ quart kit*	20-B6433-3KIT	\$112.57
1 gallon.....	20-B6433-4	\$236.17
2½ gallon kit*	20-B6433-4KIT	\$381.91

* Kits include primer, EP-430 catalyst, and E-500 reducer.

EV-400 Epoxy Varnish

A two-part varnish that gives superior protection and performance over older one-part "spar" varnishes. EV-400 is completely impervious to fabric cements and dope when cured, so there is no need to use a dope proof paint over it. May be used on either old or new wood. Can be brushed or sprayed, and is applied without harm directly over old varnishes to provide superior solvent resistance and protection from fabric cements and dopes.

1 quart.....	20-400-3	\$61.79
1 gallon.....	20-400-4	\$209.43
2½ quart kit*	20-400-3KIT	\$102.90
2½ gallon kit*	20-400-4KIT	\$346.04

* Kits include EV-400 varnish, EV-410 catalyst and E-500 reducer.

EP-430 Epoxy Primer Catalyst

Catalyst for either Epibond White Epoxy Primer or Rand-O-Plate Green Epoxy Primer.

1 pint.....	20-430-2	\$29.47
1 quart.....	20-430-3	\$49.97



EV-410 Epoxy Varnish Catalyst

Catalyst for EV-400 Epoxy Varnish only. Add one part EV-410 Catalyst to two parts EV-400.

1 pint.....	20-410-2	\$26.09
1 quart.....	20-410-3	\$43.62



EX-501 Epoxy Accelerator

Accelerates the drying time of epoxy primer or varnish in cold weather. When used correctly, 1 ounce of EX-501 will reduce the pot life from 5 hours to 3 hours and curing time from approximately 7 days to 4 days at 70°F.

½ pint20-501-1..... **\$26.47**



Randolph Solvents

Randolph Methyl Ethyl Ketone

M.E.K is an extremely active solvent similar to acetone, but with 30% slower evaporating rate. Use as a thinner, cleaner and remover for resins, epoxies, glues, vinyls and lacquers.

1 gallon.....25-MEK-4..... **\$63.21**

Colored Butyrate Dope

Non-tautening high quality dope made only from premium non-bleeding pigments. Colors (see chart below) are available in quart and gallon containers. Standard colors are shown on the Flight Proven aircraft color card. Thin one to one with 9703 butyrate thinner before spraying.

Colored butyrate dope sticks to fabric very well but doesn't work well on metal or fiberglass. If sprayed onto primed aluminum or fiberglass, there's a good chance it will peel off in a very short time.

All colors, especially yellow, orange, and red butyrates, will appear much more brilliant if you spray two coats of white butyrate onto the surface first. This helps reduce their transparency and reflects more of their color.

1 Quart.....Prices starting at **\$40.31**

1 GallonPrices starting at **\$134.92**

Prices vary by color – see chart on next page.

Randolph Fast Dry Engine Enamels

Engine enamels are formulated to use on engine crankcases and cylinders usually after engine overhaul or for general maintenance. They are heat resistant and provide good gloss and color retention. Thin with 257 Enamel Thinner.

Black

1 quart.....24-303-3..... **\$36.76**

Continental Gold

1 quart.....24-D5973-3..... **\$45.95**

Lycoming Gray

1 quart.....24-G5436-3..... **\$35.22**

Shop Online at www.univair.com

Ranthane High Solids

Polyurethane paint sticks well to everything, so you can use it on fabric, primed metal, and fiberglass. It gives a high-gloss "wet-look" finish that is impervious to chemicals and staining. You can use Ranthane HS over the fabric and metal parts; all surfaces will have the same gloss and uniform look. Ranthane HS requires only half the catalyst than the original version of Ranthane products, or a 2:1 ratio. The original version of Ranthane products are no longer available.

Ranthane is flexible enough for use over fabric and has an outstanding service record. You can also paint primed steel tubing that will come in contact with fabric cement and dope with no fear of lifting. The down side of Ranthane polyurethane is that it is more difficult to repair than dope, and it cannot be rejuvenated because it is impervious to solvents.

1 Quart.....Prices starting at **\$85.15**

1 GallonPrices starting at **\$259.68**

Prices vary by color – see chart on next page.

NOTES



Colored Butyrate Dope

COLOR	1 QUART	1 GALLON
Black, Dakota	21-H6117-3 \$42.68	21-H6117-4 \$149.20
Blue, AN (True).....	21-W9506-3 \$42.68	21-W9506-4 \$149.20
Blue, Bahama.....	21-H9170-3 \$42.68	21-H9170-4 \$149.20
Blue, Insignia	21-M9502-3 \$42.68	21-M9502-4 \$149.20
Blue, Lakeland	21-W3554-3 \$42.68	21-W3554-4 \$148.88
Blue, Miami.....	21-X5700-3 \$42.68	21-X5700-4 \$149.20
Blue, Newport Metallic	21-W8430-3 \$42.68	21-W8430-4 \$149.20
Brown, Hickory.....	21-Y9775-3 \$42.68	21-Y9775-4 \$149.20
Brown, Sandalwood.....	21-R8175-3 \$42.68	21-R8175-4 \$149.20
Cream, Diana	21-M9518-3 \$42.68	21-M9518-4 \$149.20
Cream, Tucson	21-X5260-3 \$42.68	21-X5260-4 \$149.20
Gold, Reno Metallic.....	21-B9916-3 \$70.53	21-B9916-4 \$204.90
Gray, AG Cat	21-F7790-3 \$42.68	21-F7790-4 \$149.20
Gray, Neutral.....	21-R4870-3 \$42.68	21-R4870-4 \$149.20
Gray, Platinum	21-R8174-3 \$42.68	21-R8174-4 \$149.20
Gray, Polar.....	21-Y6100-3 \$42.68	21-Y6100-4 \$149.20
Green, Federal.....	21-F2406-3 \$42.68	21-F2406-4 \$149.20
Green, Forest.....	21-Y6350-3 \$42.68	21-Y6350-4 \$149.20
Green, Montego	21-F5830-3 \$42.68	21-F5830-4 \$149.20
Green, Olive Drab	21-R4869-3 \$42.68	21-R4869-4 \$149.20
Green, Tampa Metallic	21-W8427-3 \$42.68	21-W8427-4 \$149.20
Ivory, Sun Valley.....	21-Z7245-3 \$42.68	21-Z7245-4 \$149.20
Maroon, Boston	21-X5680-3 \$42.68	21-X5680-4 \$149.20
Maroon, Stinson.....	21-X5749-3 \$42.68	21-X5749-4 \$149.20
Orange, Aeronca 7AC.....	21-E6428-3 \$42.68	21-E6428-4 \$149.20
Orange, Cessna Tiger.....	21-P8600-3 \$42.68	21-P8600-4 \$149.20
Orange, Cruiser	21-M9526-3 \$42.68	21-M9526-4 \$149.20
Orange, Ocala.....	21-C2065-3 \$42.68	21-C2065-4 \$149.20
Red, Cadillac.....	21-J9555-3 \$42.68	21-J9555-4 \$149.20
Red, Colorado.....	21-B9163-3 \$42.68	21-B9163-4 \$149.20
Red, Madrid	21-B3534-3 \$42.68	21-B3534-4 \$149.20
Red, Pontiac.....	21-W3665-3 \$42.68	21-W3665-4 \$149.20
Red, Santa Fe	21-H9150-3 \$42.68	21-H9150-4 \$149.20
Red, Tennessee.....	21-M9522-3 \$42.68	21-M9522-4 \$149.20
Red, Vermilion.....	21-M9530-3 \$42.68	21-M9530-4 \$149.20
Silver, Metallic.....	21-M9514-3 \$42.68	21-M9514-4 \$149.20
White, Daytona	21-J9545-3 \$40.31	21-J9545-4 \$134.92
White, Randolph.....	21-Q1916-3 \$40.31	21-Q1916-4 \$134.92
White, Juneau.....	21-B4243-3 \$40.31	21-B4243-4 \$134.92
White, New Insignia.....	21-Q1050-3 \$40.31	21-Q1050-4 \$134.92
White, Tropic.....	21-W9170-3 \$40.31	21-W9170-4 \$149.20
White, Vestal.....	21-K7641-3 \$40.31	21-K7641-4 \$134.92
Yellow, Aeronca 7AC.....	21-E6427-3 \$42.68	21-E6427-4 \$149.20
Yellow, AG Cat	21-D9270-3 \$42.68	21-D9270-4 \$149.20
Yellow, AN Orange	21-M9501-3 \$42.68	21-M9501-4 \$149.20
Yellow, Dallas.....	21-Y5783-3 \$42.68	21-Y5783-4 \$149.20
Yellow, Federal.....	21-N3353-3 \$42.68	21-N3353-4 \$149.20
Yellow, Lemon.....	21-M9512-3 \$36.17	21-M9512-4 \$149.20
Yellow, Lockhaven.....	21-M9521-3 \$42.68	21-M9521-4 \$149.20
Yellow, Cub J-3.....	21-F6285-3 \$42.68	21-F6285-4 \$149.20

Ranthane High Solids*

1 QUART	1 GALLON
22-H6117-3 \$117.59	22-H6117-4 \$353.19
22-W9506-3 \$117.59	22-W9506-4 \$353.19
22-H9170-3 \$117.59	22-H9170-4 \$353.19
22-M9502-3 \$117.59	22-M9502-4 \$353.19
22-W3554-3 \$117.59	22-M9502-4 \$353.19
22-X5700-3 \$117.59	22-X5700-4 \$353.19
22-W8430-3 \$117.59	22-W8430-4 \$353.19
22-Y9775-3 \$117.59	22-Y9775-4 \$353.19
22-R8175-3 \$117.59	22-R8175-4 \$353.19
22-M9518-3 \$117.59	22-M9518-4 \$353.19
22-X5260-3 \$117.59	22-X5260-4 \$353.19
22-B9916-3 \$117.59	22-B9916-4 \$353.19
22-F7790-3 \$117.59	22-F7790-4 \$353.19
22-R4870-3 \$99.65	22-R4870-4 \$353.19
22-R8174-3 \$117.59	22-R8174-4 \$353.19
22-Y6100-3 \$117.59	22-Y6100-4 \$353.19
22-F2406-3 \$117.59	22-F2406-4 \$535.19
22-Y6350-3 \$117.59	22-Y6350-4 \$353.19
22-F5830-3 \$117.59	22-F5830-4 \$353.19
22-R4869-3 \$117.59	22-R4869-4 \$353.19
22-W8427-3 \$117.59	22-W8427-4 \$353.19
22-Z7245-3 \$117.59	22-Z7245-4 \$353.19
22-X5680-3 \$117.59	22-X5680-4 \$353.19
22-X5749-3 \$117.59	22-X5749-4 \$353.19
22-E6428-3 \$117.59	22-E6428-4 \$353.19
22-P8600-3 \$117.59	22-P8600-4 \$353.19
22-M9526-3 \$117.59	22-M9526-4 \$353.19
22-C2065-3 \$117.59	22-C2065-4 \$353.19
22-J9555-3 \$117.59	22-J9555-4 \$353.19
22-B9163-3 \$117.59	22-B9163-4 \$353.19
22-B3534-3 \$117.59	22-B3534-4 \$353.19
22-W3665-3 \$117.59	22-W3665-4 \$353.19
22-H9150-3 \$117.59	22-H9150-4 \$353.19
22-M9522-3 \$117.59	22-M9522-4 \$353.19
22-M9530-3 \$117.59	22-M9530-4 \$353.19
22-M9514-3 \$117.19	22-M9514-4 \$353.19
22-J9545-3 \$85.15	22-J9545-4 \$259.68
22-Q1916-3 \$85.15	22-Q1916-4 \$259.68
22-B4243-3 \$85.15	22-B4243-4 \$259.68
22-Q1050-3 \$85.15	22-Q1050-4 \$259.68
22-W9170-3 \$85.15	22-W9170-4 \$259.68
22-K7641-3 \$85.15	22-K7641-4 \$259.68
22-E6427-3 \$117.59	22-E6427-4 \$353.19
22-D9270-3 \$117.59	22-D9270-4 \$353.19
22-M9501-3 \$117.59	22-M9501-4 \$353.19
22-Y5783-3 \$117.59	22-Y5783-4 \$353.19
22-N3353-3 \$117.59	22-N3353-4 \$353.19
22-M9512-3 \$117.59	22-M9512-4 \$353.19
22-M9521-3 \$117.59	22-M9521-4 \$353.19
22-F6285-3 \$117.59	22-F6285-4 \$353.19

* Ranthane catalyst AU-CAT-2X1 sold separately

Randolph Special Products

Wing Walk Compound

A brush-on coating for wing walks or any area where a gritty, non-skid walkway is desired. Formulated to remain relatively soft throughout its service life to promote adhesion and prevent chipping. Can be thinned with toluene.

Black

1 quart.....	20-X1567B-3	\$33.70
1 gallon.....	20-X1567B-4	\$119.46

Gray

1 quart.....	20-X1567G-3	\$35.22
1 gallon.....	20-X1567G-4	\$122.53

Acid Proof Battery Box Black Paint

An asphaltic coating used to provide protection from battery acid in battery boxes and compartments. Applied with a brush or roller to any metal area that may be exposed to leaking battery acid. Can be thinned with 286 Nitrate Thinner.

1 quart.....	20-345-3	\$37.52
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J-3000 Butysolv Rejuvenator

Rejuvenator adds fresh plasticizers to old, brittle dope coatings. It restores flexibility and suppleness in dope finishes that are cracking, ring worming, or losing adhesion. It softens and slightly flows old coatings to allow hairline cracks to close and fill. It does not restore color or gloss to faded Colored Dope, nor does it fill big cracks or voids.

1 quart.....	20-J3000-3	\$41.63
1 gallon.....	20-J3000-4	\$125.03

701 Aluminum Paste

Added to clear butyrate dope to make a UV protective dope coating. Mix 4 ounces by weight to 1 gallon butyrate dope.

1 pound can	20-701	\$32.31
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C-2210 Paint Surface Cleaner

A mild solvent cleaner used to clean surfaces before spray painting.

1 quart.....	20-C2210-3	\$24.85
1 gallon.....	20-C2210-4	\$68.92

Y-9910 Universal Retarder

A mixture of slow-evaporating solvents that may be used with either butyrate dope, nitrate dope, or Randacryl. Recommended to prevent blush in high humidity. Also aids in dope leveling and gloss enhancement when used in final color coats.

1 quart.....	20-Y9910-3	\$25.76
1 gallon.....	20-Y9910-4	\$67.94
5 gallon.....	20-Y9910-5	\$327.21

New Super Seam Cement

New Super Seam is an improvement of the original Ceconite Super Seam Cement. This new formulation is clear, vinyl-based cement that is compatible with all Randolph dopes with no incompatibilities, and has twice the peel strength of original Super Seam. Used out of the can with no thinning, it dries in 15 to 30 minutes in most conditions. The "New" on the can differentiates New Super Seam from the original. Two year shelf life if left unopened.

1 quart.....	900	\$38.94
1 gallon.....	901	\$142.52

Ceconite Tautening Fabric

Ceconite is the name of a family of aircraft fabric covering products, all based upon a very special polyester fabric that has become a major industry standard.

- Stronger than Grade A cotton or linen
- Far more durable than either
- Weathers better and longer than either
- Easier to use and repair
- Shrinking is predictable and repeatable



Ceconite 101 Heavy Duty Fabric

This extra heavy duty fabric is recommended for the most severe operating conditions and for very high-wing loading aircraft. Its large filament size and high strength provide excellent resistance to rock penetration and tearing, characteristics required for trouble-free bush and agricultural operations. It is suitable for all aircraft where a very tough, durable, low elongation, high-tension fabric is required.

Specifications:

Thread Count: 144 x 57/inch
Weight: 3.4 oz/sq yd
Breaking Strength: Average 113.5 lb/inch
Bursting Strength: 279 psi
Tear Strength: Warp 108 lb, Fill 119 lb

Ceconite 101 Fabric, 70" wide, per yard.....	101-70	\$17.58
Ceconite 101 Fabric, 70" wide, 50 yard roll.....	101-70FRL	\$879.00

Ceconite 102 Standard Fabric

Considered our standard fabric, it is recommended for normal service and is widely used on all types of aircraft, regardless of wing loading or horsepower.

Specifications:

Thread Count: 73 x 65/inch
Weight: 2.79 oz/sq yd
Breaking Strength: Average 105 lb/inch
Tear Strength: Warp 98 lb, Fill 113 lb

Ceconite 102 Fabric, 70" wide, per yard.....	102-70	\$15.78
Ceconite 102 Fabric, 70" wide, 50 yard roll.....	102-70FRL	\$789.00

Ceconite Tapes



Surface Tapes

- All tapes are sold by the roll
- Available in various widths
- Edge types: Straight, Pinked, Biased/Pinked

Straight Edge Surface Tape

1" wide, 50 yard roll	100-PF-50	\$28.20
1½" wide, 50 yard roll	150	\$37.80
2" wide, 50 yard roll	200	\$45.90
3" wide, 50 yard roll	300	\$68.52
4" wide, 50 yard roll	400	\$80.34
6" wide, 50 yard roll	600	\$95.82

Pinked Edge Surface Tape

1" wide, 25 yard roll	103	\$28.14
1½" wide, 25 yard roll	152	\$30.36
2" wide, 50 yard roll	202	\$45.84
3" wide, 25 yard roll	302-PF-25	\$44.40
4" wide, 25 yard roll	402-PF-25	\$50.70
6" wide, 25 yard roll	602-PF-25	\$65.40

Biased/Pinked Surface Tape

2" wide, 25 yard roll	204	\$42.84
3" wide, 25 yard roll	304-PF-25	\$60.90
4" wide, 25 yard roll	404	\$75.72

Finishing Tapes

- All tapes are sold by the roll

Polyester Reinforcing Tape, ¾" wide, 60 yards.....	3/8RT-PF	\$84.24
Polyester Reinforcing Tape, ½" wide, 60 yards	1/2RT-PF	\$96.43
Polyester Reinforcing Tape, ¼" wide, 60 yards.....	1/4RT	\$67.10
Anti-Chafing Tape, 1" wide, 60 yards.....	1.0ACT	\$20.05
Inter-Rib Bracing Tape, ½" wide, 36 yards.....	1/2RB	\$54.33

**Order online at www.univair.com
or call toll free 1-888-433-5433**

Ceconite Threads and Cords

Ceconite Threads and Cords

- Threads and cords are sold by the spool

Machine Sewing Thread, 500 yards.....	D-69	\$55.20
Hand Sewing Thread, 250 yards.....	D-207	\$18.92
Rib Lace Cord, 600 yards	D-693	\$59.76



Poly-Fiber Fabrics

Heavy Duty Fabric 1-HEAVY **\$17.58 per yard**

Recommended for the most severe operating conditions and very high wing loading aircraft. Weight: 3.4 oz/sq yd. Thread Count: 144 x 57/in.

Medium Fabric 1-MEDIUM **\$15.78 per yard**

Recommended for normal service and widely used on all types of aircraft, regardless of wing loading or horsepower. Weight: 2.79 oz/sq yd. Thread Count: 73 x 65/in.

Uncertified Light Fabric 1-LIGHTU **\$11.58 per yard**

Recommended for covering plywood surfaces on any aircraft and any ultralight aircraft that is not certified. Weight: 1.87 oz/sq yd. Thread Count: 90 x 76/in.

Poly-Fiber Instructional Items

Poly-Fiber Covering Video

EAA SportAir two-hour video, demonstrating the entire process, from surface preparation through color coat application.

DVD 11-PFDVD **\$39.95**

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.



Practice Kit 11-INTROKIT **\$78.00**

Ceconite/Randolph Material Estimates

These estimates are furnished to assist in selecting quantities of basic materials. For additional aircraft models, please refer to the material estimates chart in the Ceconite Procedure Manual 101. If your aircraft is not listed, use the numbers for the most similar aircraft and you'll get a close approximation of quantities. Final determination of quantities is the option of the customer.

Aircraft and Components	Ceconite Fabric (70" wide) Yards	New Super Seam Cement Qt/Gal	Rand-O-Proof Nitrate Dope Gallon	286 Nitrate Thinner Gallon	Polyester Finishing Tape Rolls Qty x Width B = Biased	Rib Lacing Cord	Reinforcing Tape (Width same as cap strip) Qty x Width	Clear Non-Tautening Butyrate Dope Gallon	Rand-O-Fill Silver Butyrate Dope Gallon	9703 Butyrate Thinner for Clear BD and Rand-O-Fill Gallon	Y-9910 Universal Blush Retarder Gallon	Colored Butyrate Dope Top Coat** Gallon	9703 Butyrate Thinner for Colored Butyrate Gallon	OPTIONAL: Ranthane HS Polyurethane Finish* Gallon
Aeronca Champion, Aeronca Chief, Callair, Citabria, Funk, Interstate Cadet, Piper J-3, J-4, J-5, PA-11, PA-12, PA-14, PA-18, PA-25, Porterfield, Rearwin, Taylorcraft, and other light aircraft of similar size and configuration														
Complete Aircraft	45	1 Gal	5	5	1x1", 7x2", 2x3", 1x4", 1x3"B, 1x4"B	1	2x1/2"	10	10	20	4	10	10	4
2 Wings and Ailerons	25	2 Qt	2 3/4	2 3/4	4x2", 2x3", 1x4", 1x4"B	1	2x1/2"	5 1/2	5 1/2	11	2 1/4	5 1/2	5 1/2	2 1/2
Fuselage	11	1 Qt	1 1/4	1 1/4	1x1", 2x2"			2 1/2	2 1/2	5	1	2 1/2	2 1/2	1
5 Tail Surfaces	9	1 Qt	1	1	2x2", 1x3"B	50 ft	1x1/2"	2	2	4	1	2	2	1
Complete Less Fuselage	34	3 Qt	3 3/4	3 3/4	5x2", 2x3", 1x4", 1x3"B, 1x4"B	1	2x1/2"	7 1/2	7 1/2	15	3	7 1/2	7 1/2	3
Complete Less 2 Wings	20	2 Qt	2 1/4	2 1/4	1x1", 3x2", 1x3"B	50 ft	1x1/2"	4 1/2	4 1/2	9	1 3/4	4 1/2	4 1/2	2
All Control Surfaces	11	1 Qt	1 1/4	1 1/4	2x2", 1x3", 1x3"B	50 ft	1x1/2"	2 1/2	2 1/2	5	1	2 1/2	2 1/2	1
Piper PA-15, PA-16, PA-17, PA-20, PA-22, and other light aircraft of similar size and configuration														
Complete Aircraft	40	1 Gal	4 1/2	4 1/2	1x1", 6x2", 2x3", 1x4", 1x3"B, 1x4"B	1	1x1/2"	9	9	18	3 1/2	9	9	3 3/4
Fuselage	11	1 Qt	1 1/4	1 1/4	1x1", 2x2"			2 1/2	2 1/2	5	1	2 1/2	2 1/2	1
2 Wings and Ailerons	24	2 Qt	2 3/4	2 3/4	4x2", 2x3", 1x4", 1x4"B	1	1x1/2"	5 1/2	5 1/2	11	2 1/4	5 1/2	5 1/2	2 1/4
5 Tail Surfaces	9	1 Qt	1	1	2x2", 1x3"B	50 ft	1x1/2"	2	2	4	1	2	2	1
Complete Less Fuselage	29	3 Qt	3 3/4	3 3/4	5x2", 2x3", 1x4", 1x3"B, 1x4"B	1	1x1/2"	6 1/2	6 1/2	13	2 1/2	6 1/2	6 1/2	2 3/4
Complete Less 2 Wings	28	1 Gal	3 3/4	3 3/4	1x1", 3x2", 1x3"B	50 ft	1x1/2"	6 1/4	6 1/4	12 1/2	2 1/2	6 1/4	6 1/4	2 1/2
Aeronca 15AC Fuselage and Tail	30	2 Qt	3 1/2	3 1/2	1x1", 2x2", 1x3", 1x4"B		1x3/8"	6 3/4	6 3/4	13 1/2	2 3/4	6 3/4	6 3/4	2 3/4
Beech Staggerwing D-17 and Waco Cabin	70	1 Gal 2 Qt	7 3/4	7 3/4	2x1", 14x2", 2x3", 1x4", 1x3"B, 1x4"B	2	6x3/8"	15 1/2	15 1/2	31	6 1/4	15 1/2	15 1/2	6 1/4
Cessna 120, 140, 170 Wings	25	1 Qt	2 3/4	2 3/4	4x2", 1x3", 1x4", 1x4"B		1x1/2"	5 1/2	5 1/2	11	2 1/4	5 1/2	5 1/2	2 1/2
Ercoupe Both Wings	17	1 Qt	2	2	2x2", 1x3", 1x4", 1x4"B		1x1/2"	3 3/4	3 3/4	7 1/2	1 1/2	3 3/4	3 3/4	1 1/2
Luscombe Model 8	22	1 Qt	2 1/2	2 1/2	4x2", 1x3", 1x4"	1	1x1/2"	5	5	10	2	5	5	2
Stinson 108 Series Complete Aircraft	40	2 Qt	4 1/2	4 1/2	1x1", 6x2", 1x3", 1x4"		1x1/2"	9	9	18	3 1/2	9	9	3 3/4
Fuselage	14	2 Qt	1 1/2	1 1/2	1x1", 2x2"			3 1/4	3 1/4	6 1/2	1 1/4	3 1/4	3 1/4	1 1/2
2 Wings and Ailerons	25	1 Qt	2 3/4	2 3/4	5x2", 1x3", 1x4"		1x1/2" 1x3/8"	5 1/2	5 1/2	11	2 1/4	5 1/2	5 1/2	2 1/2

* Estimates for Colored Butyrate Dope and Ranthane finishes are for fabric covered areas and do not include metal surface areas.

Poly-Fiber Tapes

Polyester Finishing Tapes

Linear Pinked Tapes are available in light and medium weights. All styles of linear and bias finishing tape may be used interchangeably.



Bias Pinked Tapes (weave pattern 45° to the edge) are suggested for installation over compound surfaces such as around wingtips and tail surfaces. Bias tape will stretch to conform to the required contour without heat shrinking edges or cutting and notching to remove excess fabric.

Linear Pinked Tapes, Medium Weight (2.7 oz)

1" width, 25 yard roll	1-MEDIUM1	\$28.14
2" width, 50 yard roll	1-MEDIUM2	\$45.84
3" width, 25 yard roll	1-MEDIUM3	\$44.40
4" width, 25 yard roll	1-MEDIUM4	\$50.70
6" width, 25 yard roll	1-MEDIUM6	\$65.40

Linear Pinked Tapes, Light Weight (1.7 oz)

2" width, 25 yard roll	1-LIGHT2X25	\$36.36
2" width, 50 yard roll	1-LIGHT2	\$45.04
3" width, 25 yard roll	1-LIGHT3	\$44.40
4" width, 25 yard roll	1-LIGHT4	\$49.70
6" width, 25 yard roll	1-LIGHT6	\$65.40

Bias Pinked Tapes, 45° Cut (2.4 oz)

2" width, 25 yard roll	1-BIAS2	\$42.84
3" width, 25 yard roll	1-BIAS3	\$60.90
4" width, 25 yard roll	1-BIAS4	\$75.72

Polyester Rib Lace Reinforcing Tape

A custom woven high-strength polyester filament twill tape with a paper-protected high-tack adhesive coating on one side for quick application and bonding.

¼" wide, 60 yard roll	1-RT4	\$81.86
¾" wide, 60 yard roll	1-RT3	\$84.24
½" wide, 60 yard roll	1-RT2	\$96.43

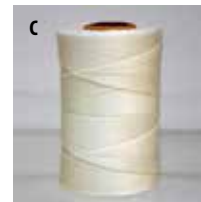
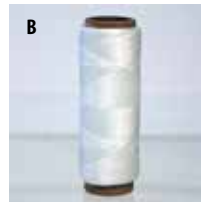
Inter-Rib Bracing Tape

- Used to brace ribs before covering

½" wide, 36 yard roll	1-IRT2	\$54.33
1" wide, anti-chafe, 60 yard roll	11-MTC	\$20.05

Order online at www.univair.com

Poly-Fiber Threads and Cords



A) Polyester Machine Sewing Thread: 10 lb tensile strength, 4-ply thread, 500 yards.

B) Polyester Hand Sewing Thread: 15 lb tensile strength, 3-ply uncoated thread, 250 yards.

C) Polyester Rib Lacing Cord: Two styles of lacing cord are available, both impregnated with micro-crystalline fungicidal wax.

C-1) Standard round 4-ply, .035" dia., 60 lb tensile strength. 400 yards.

C-2) Flat braided cord, .012" thick by .080" width (approximate), 50 lb tensile strength. Recommended when the minimum rib cord protrusion is desired. 500 yards.

A) Machine Thread, 500 yard spool

B) Hand Sewing Thread, 250 yard spool.....

C-1) Standard Rib Lacing Cord, 400 yard spool.....

C-2) Flat Rib Lacing Cord, 500 yard spool

PF Cements and Sub-Coatings

Poly-Tak Fabric Cement

A high-strength, fast-drying, one part cement manufactured from a proprietary formula specifically to attach polyester fabric to airframes. Also an excellent cement for cotton, linen, and glass fiber, and will adhere to most surfaces for shear load bonding. Add methyl ethyl ketone (MEK) when necessary to reduce viscosity due to solvent evaporation from an open container.



1 quart.....

1 gallon.....

Poly-Spray

Applied just before the final paint color, this silver coating protects the fabric against ultra violet (UV) rays. Also used as a sanding base to develop a smooth finish. Reduce with Poly-Fiber Reducer.



1 quart.....

1 gallon.....

Poly-Brush

Poly-Brush is a fabric sealer, used to close the "pores" of bare fabric and prepare it for subsequent coatings. Also used to attach finishing tapes. Provides twice the peel resistance as nitrate dope on polyester fabric. Thin with R-65-75 reducer.



Tinted (With Red Oxide)

1 quart.....	2-PB-3.....	\$36.48
1 gallon.....	2-PB-4.....	\$121.36

Clear

1 quart.....	2-PBU-3.....	\$33.17
1 gallon.....	2-PBU-4.....	\$110.33

PF Reducer, Retarder, Rejuvenator

RJ-1200 Rejuvenator

A proprietary formula containing the correct proportions of the same plasticizers used in the Poly-Fiber coatings with penetrating solvents to carry the plasticizers into the old coating and restore the original flexibility.

1 quart.....	2-RJ-3.....	\$38.16
1 gallon.....	2-RJ-4.....	\$114.94



BR-8600 Blush Retarder

A rich, slow-drying solvent blend to be used in Poly-Tone, Poly-Brush, and Poly-Spray. Prevents blushing and improves flowing and gloss under conditions of high humidity and/or high temperature.

1 quart.....	2-86-3.....	\$27.26
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R-65-75 Reducer

A blend of solvents used for viscosity and drying control of Poly-Brush, Poly-Spray, and Poly-Tone. Reducer R-65-75 is the standard reducer recommended for viscosity control in normal temperatures 65° and 75° F.

1 quart.....	2-65-3.....	\$27.64
1 gallon.....	2-65-4.....	\$68.28

RR-8500 Reducer Retarder

A blend of solvents used for viscosity and drying control of Poly-Brush, Poly-Spray, and Poly-Tone. Recommended for use in temperatures above 85°F to produce the proper coating flow-out and avoid blush in warm, humid weather.

1 quart.....	2-85-3.....	\$27.97
1 gallon.....	2-85-4.....	\$62.66

UE-820 Urethane Reducer

A solvent blend for use in Aero-Thane. Mix 4 parts catalyzed Aero-Thane to 1 part UE-820 reducer; allow 20 minutes induction time before application.

1 quart.....	6-820-3.....	\$30.50
1 gallon.....	6-820-4.....	\$90.48



UR-826 Urethane Retarder

A blend of slow-drying solvents for use in Aero-Thane and urethane varnish to retard the surface drying time. Add 1 to 6 fluid ounces per gallon of catalyzed enamel when necessary.

1 quart.....	6-826-3.....	\$46.73
1 gallon.....	6-826-4.....	\$127.72

Poly-Fiber Finishing Products

SuperFil

An ultra lightweight corrosion inhibiting filler for aircraft, marine, and automotive use. Adheres to composites, bare aluminum, steel, and bare or varnished wood. Epoxy resin with non-MDA hardener. Apply EP-420 Epoxy Primer directly over SuperFil.



SuperFil Epoxy Filler Kit, 1 quart.....	8-EF-3.....	\$45.11
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Poly-Fiber Cleaners



C-2210 Paint Surface Cleaner

A mild blend formulated to remove oil, silicone, wax, and other contaminants from all painted or primed surfaces without biting into or damaging the coating.

1 quart.....	2-2210-3.....	\$23.17
1 gallon.....	2-2210-4.....	\$64.25

310 Alkaline Cleaner

An effective, penetrating, general purpose detergent cleaner. Concentrated solution – dilute as necessary with up to 32 parts water. Not harsh on hands; has a pleasant lemon fragrance. Can be used as an extra-strength household cleaner and liquid hand soap.

1 quart.....	9-310-3.....	\$16.87
1 gallon.....	9-310-4.....	\$45.82



PF Varnishes and Primers

U-865 Urethane Catalyst

An aliphatic polyisocyanate in a solvent blend for use in Aero-Thane and urethane varnish. Refer to directions on the base component listing.



½ pint	6-865-1	\$41.73
1 quart	6-865-3	\$128.12

Generic Solvents and Thinners

All of our generic solvents and thinners listed below will come in a plain container with a Univair label.

Mineral Spirits

1 quart	PR10031	\$2.78
1 gallon	PR10032	\$8.42
5 gallon	PR10033	\$37.54
55 gallon	PR10034	\$774.25

Acetone

1 quart	PR10035	\$6.69
1 gallon	PR10036	\$17.86
5 gallon	PR10037	\$89.28
55 gallon	PR10038	\$982.10



Generic Thinners

Ideal for cleaning spray guns and other painting equipment. Not recommended for use with Randolph or Ceconite processes.

Nitrate Thinner

1 quart	06021A	\$3.06
1 gallon	06022A	\$11.78
5 gallon	06023A	\$58.91
55 gallon	06024A	\$624.38

Butyrate Thinner

1 quart	05021A	\$5.10
1 gallon	05022A	\$15.32
5 gallon	05023A	\$76.59
55 gallon	05024A	\$673.98

Please note that HAZMAT items (flammable and/or corrosive) cannot be shipped outside the lower 48 U.S. states.

Spray Paints and Primers

- Available in 12 ounce spray cans
- From Tempo and PlastiKote brands
- Cannot be shipped to Hawaii, Alaska or international addresses

Red Oxide Sanding Primer	T-234 Red	7-3000	\$8.54
Yellow Zinc Phosphate Primer	A-701 Yellow	A701	\$18.99
Green Zinc Phosphate Primer	A-702 Green	A702	\$25.33
Flat Black Lacquer	A-810 Black	A810	\$15.69
Black Wrinkle Enamel	217 Black	10-101	\$11.03
Aircraft Engine Enamel	Continental Gold	A239	\$18.00

Miscellaneous Covering Supplies

Description	Part #	Price
Plastic Drain Grommet, ¾" diameter, Pkg of 100	AN231-2	\$34.00
Plastic Seaplane Drain Grommet, 1½" diameter	AN231-4	\$0.31
Rib Stitching Needles		
10"	BRN10	\$5.00
12"	BRN12	\$8.24
16"	BRN16	\$8.78
18"	BRN18	\$12.40
Curved Fabric Stitching Needles		
3"	11-CN3	\$4.70
6"	11-CN6	\$7.35
12"	11-RNC12	\$21.40
Calibration Thermometer	11-THERM05911N	\$14.40
Woven Cotton Chafe Strip, ¾" wide, sold by yard	CHAFE	\$1.46
Cotton Woven Reinforcing Tape, ½" wide, 36 yards	RV3002-36	\$31.73
#9 Waxed Linen Lacing Cord, 400 yards	RV4001	\$59.42
Flat Rib Lace Cord, 500 yards	SF-694-500	\$46.12

Fabric Patches

- Pinked grade A dollar patches
- 2" diameter
- Package of 100

Fabric Patches	5001	\$31.40
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Silicone Heat Sink Compound

- Thermal dielectric compound
- For more accurate thermal transfer during iron calibration
- Dissipates heat buildup
- Stable from -40° to 500°
- Will not dry out or harden

1 ounce tube	11-HEATSINK	\$15.80
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Poly-Tone

A durable one part, air drying, flexible coating available in over 50 popular aircraft colors. Poly-Tone is manufactured from the same generic class of petrochemical feed stock as Poly-Tak, Poly-Brush, and Poly-Spray, and is considered to be our "standard" pigmented finish for the Poly-Fiber covering process. The thermal expansion and elasticity are the same as all sub-coats, and there is no inter-coat adhesion problem if the surface is clean. Poly-Tone is non shrinking, non bleeding, fire retardant, chemical resistant, and is used on both metal and fabric. It air dries to a satin gloss finish and can be polished to a high luster equal in appearance to any cellulose dope, lacquer, or synthetic enamel finish.

1 Quart.....Prices starting at **\$38.16**
1 GallonPriced starting at **\$126.82**

Prices vary by color – see chart on next page.

Aero-Thane

A tough, flexible, solvent, chemical, abrasion, and weather resistant high gloss, two part polyurethane recommended as the best quality fabric finish over Poly-Fiber covering materials, and all primed metal and glass fiber composite components on fabric-covered aircraft. Also recommended to refinish suitably rejuvenated nitrate and butyrate dope-coated aircraft fabric surfaces, all old sound finishes on metal and glass fiber aircraft components, old finishes on glass fiber or metal boat hulls, automotive, truck, and industrial equipment.

Aero-Thane cans are sold $\frac{3}{4}$ full to accommodate the addition of U-865 catalyst.

1 Quart.....Prices starting at **\$56.85**
1 GallonPrices starting at **\$185.75**

Prices vary by color – see chart on next page.

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.



Poly-Tone Finish

COLOR	1 QUART	1 GALLON
Black, Dakota	3-215-3 \$43.68	3-215-4 \$152.90
Blue, AN (True).....	3-173-3 \$43.68	3-173-4 \$152.90
Blue, Bahama.....	3-170-3 \$43.68	3-170-4 \$152.90
Blue, Christen Eagle	3-177-3 \$43.68	3-177-4 \$152.90
Blue, Insignia	3-176-3 \$43.68	3-176-4 \$152.90
Blue, Lakeland	3-165-3 \$43.68	3-165-4 \$152.90
Blue, Piper Trainer	3-318M-3 \$43.68	3-318M-4 \$152.90
Brown, Elsinore	3-203-3 \$43.68	3-203-4 \$152.90
Cream, Diana	3-131-3 \$43.68	3-131-4 \$152.90
Cream, Tucson	3-125-3 \$43.68	3-125-4 \$152.90
Gold, Reno	3-301M-3 \$66.79	3-301M-4 \$240.19
Green, Cuby Sport Trainer.....	3-157-3 \$37.02	3-157-4 \$129.58
Green, Everglades	3-151-3 \$37.02	3-151-4 \$129.58
Green, Federal.....	3-208A-3 \$43.68	3-208A-4 \$152.90
Green, Forest.....	3-160-3 \$43.68	3-160-4 \$152.90
Green, Oak	3-212-3 \$43.68	3-212-4 \$152.90
Green, Portland.....	3-156-3 \$37.02	3-156-4 \$129.58
Grey, AG Cat	3-213-3 \$43.68	3-213-4 \$152.90
Grey, Federal.....	3-213A-3 \$43.68	3-213A-4 \$152.90
Grey, Jasper.....	3-219-3 \$43.68	3-219-4 \$152.90
Grey, Polar.....	3-210-3 \$43.68	3-210-4 \$152.90
Ivory, Sun Valley.....	3-132-3 \$43.68	3-132-4 \$152.90
Maroon, Boston	3-196-3 \$43.68	3-196-4 \$152.90
Maroon, Stinson.....	3-197-3 \$43.68	3-197-4 \$152.90
Olive Drab	3-208-3 \$43.68	3-208-4 \$152.90
Orange, Cruiser	3-180-3 \$43.68	3-180-4 \$152.90
Orange, International.....	3-183-3 \$43.68	3-183-4 \$152.90
Orange, Pumpkin	3-182-3 \$43.68	3-182-4 \$152.90
Purple, Christen Eagle	3-361-3 \$43.68	3-361-4 \$152.90
Red, Christen Eagle	3-187-3 \$43.68	3-187-4 \$152.90
Red, Madrid	3-189-3 \$43.68	3-189-4 \$152.90
Red, Pontiac	3-191-3 \$43.68	3-191-4 \$152.90
Red, Santa Fe	3-195-3 \$43.68	3-195-4 \$152.90
Red, Tennessee.....	3-190-3 \$43.68	3-190-4 \$152.90
Silver, Nevada	3-220M-3 \$43.68	3-220M-4 \$152.90
Silver, Rancho.....	3-222M-3 \$43.68	3-222M-4 \$152.90
Tan, Bermuda.....	3-205-3 \$43.68	3-205-4 \$152.90
White, Daytona	3-120-3 \$38.16	3-120-4 \$126.82
White, Glacier	3-117-3 \$38.16	3-117-4 \$126.82
White, Insignia.....	3-105-3 \$38.16	3-105-4 \$126.82
White, Juneau.....	3-110-3 \$38.16	3-110-4 \$126.82
Yellow, AG Cat	3-242-3 \$43.68	3-242-4 \$152.90
Yellow, Champion	3-240-3 \$43.68	3-240-4 \$152.90
Yellow, Cub.....	3-143-3 \$43.68	3-143-4 \$152.90
Yellow, Federal.....	3-139-3 \$43.68	3-139-4 \$152.90
Yellow, J-3 OEM.....	3-146-3 \$43.68	3-146-4 \$152.90
Yellow, Lemon.....	3-136-3 \$43.68	3-136-4 \$152.90
Yellow, Lockhaven	3-145-3 \$43.68	3-145-4 \$152.90
Yellow, Orange.....	3-140-3 \$43.68	3-140-4 \$152.90
Yellow/Orange, Christen Eagle...	3-142A-3 \$43.68	3-142A-4 \$152.90

Aero-Thane*

1 QUART	1 GALLON
4-215-3.....	4-215-4 \$216.38
4-173-3.....	4-173-4 \$216.38
4-170-3.....	4-170-4 \$216.38
4-177-3.....	4-177-4 \$216.38
4-176-3.....	4-176-4 \$216.38
4-165-3.....	4-165-4 \$216.38
4-318M-3.....	4-318M-4 \$216.38
4-203-3.....	4-203-4 \$216.38
4-131-3.....	4-131-4 \$216.38
4-125-3.....	4-125-4 \$216.38
4-301M-3.....	4-301M-4 \$216.38
4-157-3.....	4-157-4 \$216.38
4-151-3.....	4-151-4 \$216.38
4-208A-3	4-208A-4 \$216.38
4-160-3.....	4-160-4 \$216.38
4-212-3.....	4-212-4 \$216.38
4-156-3.....	4-156-4 \$216.38
4-213-3.....	4-213-4 \$216.38
4-213A-3	4-213A-4 \$216.38
4-219-3.....	4-219-4 \$216.38
4-210-3.....	4-210-4 \$216.38
4-132-3.....	4-132-4 \$216.38
4-196-3.....	4-196-4 \$216.38
4-197-3.....	4-197-4 \$216.38
4-208-3.....	4-208-4 \$216.38
4-180-3.....	4-180-4 \$196.71
4-183-3.....	4-183-4 \$216.38
4-182-3.....	4-182-4 \$216.38
4-361-3.....	4-361-4 \$216.38
4-187-3.....	4-187-4 \$216.38
4-189-3.....	4-189-4 \$216.38
4-191-3.....	4-191-4 \$216.38
4-195-3.....	4-195-4 \$216.38
4-190-3.....	4-190-4 \$216.38
4-220M-3.....	4-220M-4 \$216.38
4-222M-3.....	4-222M-4 \$216.38
4-205-3.....	4-205-4 \$216.38
4-120-3.....	4-120-4 \$185.75
4-117-3.....	4-117-4 \$185.75
4-105-3.....	4-105-4 \$185.75
4-110-3.....	4-110-4 \$185.75
4-242-3.....	4-242-4 \$216.38
4-240-3.....	4-240-4 \$216.38
4-143-3.....	4-143-4 \$216.38
4-139-3.....	4-139-4 \$216.38
4-146-3.....	4-146-4 \$216.38
4-136-3.....	4-136-4 \$216.38
4-145-3.....	4-145-4 \$216.38
4-140-3.....	4-140-4 \$216.38
4-142A-3	4-142A-4 \$216.38

* Catalyst U-865 sold separately. Aero-Thane cans are sold ¾ full to accommodate the addition of catalyst.

Poly-Fiber Material Estimates

These estimates are furnished to assist in selecting quantities of basic materials. For additional aircraft models, please refer to the material estimates chart in the manual *How To Cover An Aircraft Using the Poly-Fiber System*. If your aircraft is not listed, use the numbers for the most similar aircraft and you'll get a close approximation of quantities. Final determination of quantities is the option of the customer.

Aircraft and Components	Fabric (70" wide) Yards	Poly-Tak Fabric Cement Qt/Gal	Poly-Brush Gallon	Poly-Spray Gallon	R 65-75 or RR 8500 Reducer Gallon	Polyester Finishing Tape Rolls Qty x Width B = Biased	Rib Lacing Cord	Reinforcing Tape (Width same as cap strip) Qty x Width	Poly-Tone Pigmented Finish* Gallon	R 65-75 or RR 8500 Reducer for Poly-Tone Gallon	OPTIONAL: Aero-Thane Polyurethane Finish* Gallon	OPTIONAL: Ranthane HS Polyurethane Finish* Gallon
Aeronca Champion, Aeronca Chief, Callair, Citabria, Funk, Interstate Cadet, Piper J-3, J-4, J-5, PA-11, PA-12, PA-14, PA-18, PA-25, Porterfield, Rearwin, Taylorcraft, and other light aircraft of similar size and configuration												
Complete Aircraft	45	1 Gal	10	11	6	1x1", 7x2", 2x3", 1x4", 1x3"B, 1x4"B	1	2x½"	10	2½	6	4
2 Wings and Ailerons	25	2 Qt	5½	6	3½	4x2", 2x3", 1x4", 1x4"B	1	2x½"	5½	1½	3½	2½
Fuselage	11	1 Qt	2½	2¾	1½	1x1", 2x2"			2½	3 Qt	1½	1
5 Tail Surfaces	9	1 Qt	2	2¼	1¼	2x2", 1x3"B	50 ft	1x½"	2	2 Qt	1¼	1
Complete Less Fuselage	34	3 Qt	7½	8½	5	5x2", 2x3", 1x4", 1x3"B, 1x4"B	1	2x½"	7½	2	4½	3
Complete Less 2 Wings	20	2 Qt	4½	5	3	1x1", 3x2", 1x3"B	50 ft	1x½"	4½	1¼	2¾	2
All Control Surfaces	11	1 Qt	2½	2¾	1½	2x2", 1x3", 1x3"B	50 ft	1x½"	2½	3 Qt	1½	1
Piper PA-15, PA-16, PA-17, PA-20, PA-22, and other light aircraft of similar size and configuration												
Complete Aircraft	40	1 Gal	9	10	5½	1x1", 6x2", 2x3", 1x4", 1x3"B, 1x4"B	1	1x½"	9	2¼	5½	3¾
Fuselage	11	1 Qt	2½	2¾	1½	1x1", 2x2"			2½	3 Qt	1½	1
2 Wings and Ailerons	24	2 Qt	5½	6	3½	4x2", 2x3", 1x4", 1x4"B	1	1x½"	4½	1¼	3¼	2¼
5 Tail Surfaces	9	1 Qt	2	2¼	1¼	2x2", 1x3"B	50 ft	1x½"	2	2 Qt	1¼	1
Complete Less Fuselage	29	3 Qt	6½	7	4	5x2", 2x3", 1x4", 1x3"B, 1x4"B	1	1x½"	6½	1¼	4	2¾
Complete Less 2 Wings	28	1 Gal	6¼	7	4	1x1", 3x2", 1x3"B	50 ft	1x½"	6¼	1½	3¾	2½
Aeronca 15AC Fuselage and Tail	30	2 Qt	6¾	7½	4	1x1", 2x2", 1x3", 1x4"B		1x¾"	6¾	1¾	4	2¾
Beech Staggerwing D-17 and Waco Cabin	70	1 Gal 2 Qt	15½	17	9½	2x1", 14x2", 2x3", 1x4", 1x3"B, 1x4"B	2	6x¾"	15½	4	9½	6¼
Cessna 120, 140, 170 Wings	25	1 Qt	5½	6	3½	4x2", 1x3", 1x4", 1x4"B		1x½"	5½	1½	3½	2½
Ercoupe Both Wings	17	1 Qt	3¾	4¼	2½	2x2", 1x3", 1x4", 1x4"B		1x½"	3¾	1	2¼	1½
Luscombe Model 8	22	1 Qt	5	5½	3	4x2", 1x3", 1x4"	1	1x½"	5	1¼	3	2
Stinson 108 Series Complete Aircraft	40	2 Qt	9	9¼	5½	1x1", 6x2", 1x3", 1x4"		1x½"	9	2¼	5½	3¾
Fuselage	14	2 Qt	3	3½	2	1x1", 2x2"			3	1	2	1½
2 Wings and Ailerons	25	1 Qt	5½	6	3½	5x2", 1x3", 1x4"		1x½", 1x¾"	5½	1½	3½	2½

* Estimates for Poly-Tone, Aero-Thane, and Ranthane finishes are for fabric covered areas and do not include metal surface areas.