

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 with 286 Nitrate Thinner.

Quart.....	P/N 210-QT.....
Gallon.....	P/N 210-1G.....
5 Gallons.....	P/N 210-5G.....



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.....
Gallon.....	P/N W-7868-1G.....
5 Gallons.....	P/N W-7868-5G.....



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.....
Gallon.....	P/N E-4964-1G.....
5 Gallons.....	P/N E-4964-5G.....



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.....
Gallon.....	P/N G-6302-1G.....
5 Gallons.....	P/N 09-01017.....



286 NITRATE THINNER

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

Quart.....	P/N 286-QT.....
Gallon.....	P/N 286-1G.....
5 Gallons.....	P/N 286-5G.....



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.....
Gallon.....	P/N 9701-1G.....
5 Gallons.....	P/N 9701-5G.....



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.....
5 Gallons.....	P/N 09-00789.....



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 top-coat finishes.

Quart.....	P/N 09-14505.....
Gallon.....	P/N 09-14510.....
5 Gallons.....	P/N 09-14515.....



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.....
Gallon.....	P/N 09-01018.....
5 Gallons.....	P/N 09-01019.....



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.....
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9703 BUTYRATE THINNER

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

Quart.....	P/N 9703-QT.....
Gallon.....	P/N 9703-1G.....
5 Gallons.....	P/N 9703-5G.....



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.....
Gallon.....	P/N 09-01048.....
5 Gallons.....	P/N 09-01049.....



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.....
Gallon.....	P/N 09-00818.....
5 Gallons.....	P/N 09-00819.....



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
TOTAL (Estimate).....\$ 3,500	

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.....
Gal.....	P/N 09-00831.....
5 Gal.....	P/N 09-00832.....



RANDOLPH ACID-PROOF BATTERY BOX BLACK PAINT #345

Battery Box Black Paint is an asphaltic coating used to provide protection from battery acid in battery boxes and compartments. It is generally applied with a brush or roller to any metal area that may be exposed to leaking battery acid. Shelf life: Guaranteed 2 years from date on manufacture in sealed container in protected storage. Coverage: 225 square feet per gallon with one coat. Mixing: Stir well before use. Thinning: Use out of the can. If thinning is necessary, thin five parts paint to one part 286 Nitrate Thinner. Application: Apply with a brush. Three coats will provide the best possible protection to epoxy primed metal surfaces. Qt..... P/N 344-QT.....



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

