

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.

NOTE: FAA Approved for some aircraft.
Please see our website for complete approval list.
25-Ft. Coil.....P/N 09-19400

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

INSTALLATION KITS

All install kits ---. 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

3M™ 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
1/4" x 60 Yds.....P/N 09-20300
1/2" x 60 Yds.....P/N 09-20400
3/4" x 60 Yds.....P/N 09-20500

- Less 10% on 6 Rolls (Assorted)
- Less 15% on 12 Rolls (Assorted)

WOOD BRUSHES



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

Brush Width	Part Number	Price Each	Brush Width	Part Number	Price Each
1/2"	09-21100	---	2-1/2"	09-38825	---
1"	09-21200	---	3"	09-38803	---
2"	09-21300	---	4"	09-38804	---

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

ACID OR GLUE BRUSHES



Horse hair with metal handle.
#1- 3/8" WideP/N 09-21400 ea.
#2- 1/2" WideP/N 09-21500 ea.

DOLLAR PATCHES



Grade B fabric patches for quick repairs on Grade B & 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.
Dacron Dollar Patches...P/N 09-17705/ea.
Ceconite C101P/N 09-00162/ea.
Ceconite C102P/N 09-00163/ea.
PF P-103 Med.....P/N 09-18750/ea.
P99 Heavy Duty.....P/N 09-00164/ea.

RIB LACING & SEWING NEEDLES



Description	Size	Part Number	Price
3" Curved	Needle 3C	09-18705	---
6" Curved	Needle 6C	09-18710	---
12" Curved Tip	Needle 12C	09-18720	---
12" Straight	Needle 12	09-18725	---
18" Curved Tip	Needle 18C	09-18730	---

Needle Assortment includes 1 each of the following: 3" curved, 6" curved, 12" curved, 12" straight, 18" straight ..P/N 09-18735



RIB STITCH NEEDLES

Made from the highest quality steel. Heat treated, nickel plated.

Description	Gauge Size	Part Number	Price
2-1/4" Curved	18	09-18300	---
4" Straight	15	09-18400	---
10" Straight	13	09-18500	---
14" Straight	13	09-18600	---
18" Straight	12	09-18700	---

"T" HEAD PINS



Used to hold fabric in place temporarily in covering operation. Plated steel, 1-1/2" L. 100 Pins.
P/N 09-18850

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 HeadP/N T4X4/ea
Stainless Steel Type A, Phillips.....P/N 4RX1/2SS/ea
Stainless Steel Type A, Phillips.....P/N T4X6/ea

AD-41H CLOSED-END BLIND POP RIVET



1/8" diameter. Used to seal tubing vent holes.
P/N 04-01496/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

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" ODP/N 09-19000
Aluminum, 0.128" ID x 1/2" OD x 0.016P/N 09-19100

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"	---	Seaplane*	AN231-4	1-1/8"	---	---
Flat	AN231-2	3/4"	5/16"	---	Aluminum	09-19110	3/4"	1/4"	--

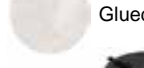
*Depressed center — LESS 15% ON QTY. OF 100 (per Part No.)



INSPECTION RINGS

Clear 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 ea.

INSPECTION RING PATCHES



Glued over inspection rings to prevent accidental removal.
P/N 09-18750 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 ea./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 vibrateP/N 09-18740 ea.

PIPER INSPECTION ACCESS HOLE KIT



Piper inspection access hole kit 765-106 comes with hardware, 2 plates, and 2 backup ring assemblies.
P/N 09-05779

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