VACUUM BAGGING SUPPLIES

VACUUM BAGGING TECHNIQUES BOOK

VACUUM BAGGING FILM - #7400 film is a high grade nylon 6 film. It is light green in color and heat stabilized for long term curing. Cures. Film is soft & pliable and ideal for high temperature composites, metalbond, and any function requiring heat & pressure. Width: 54".

4.5 OZ. BLEEDER/BLEEDER PLY - #3450 is a 4.5 oz. nonwoven polyester breather ply system used for even volatile evacuation from vacuum bags. It can be used at pressures up to 85 psi (5.8 bars). Multi-directional conformability makes it a very efficient breather. This breather does not contain any binders which could seal the air flow. Width: 60".

STRETCHLON VACUUM BAG FILM 60" - Modified urethane film with incredibly high elongation, Can be re-used. .0015 x 60" x 200 ft (38µ x 1.52m x 62m) Maximum temperature use 250°F (122°C). 120" wide (3.04m). Perfect for compaction. Not affected by low humidity, always stays soft with no cracking. Can be heat sealed to custom shapes.

P/N 01-14805 ........................................... $1.55/Yd.

PEEL PLY - Fabric

Part Being "Bagger"  Perforated Release Sheet

VACUUM VALVE - TWO PIECE - #8112 is a two-piece vacuum valve which requires one quarter turn to lock in place. Service temperature to 500° F. This valve is an industry standard. The base is anodized and red in color. Inside Diameter: 1/4" standard. Threads: 1/4" NPT.

P/N 01-14855 ........................................... $28.50/ea.

OVEN VACUO HOSE - #8020 is a thick walled, flexible silicone hose. It is normally used for debulking and oven cures using vacuum only. Furnished in standard 10 foot lengths. Other lengths available on special order. Hose size: 1/4" ID.

P/N 01-14860 ........................................... $104.75/ea.

HIGH TEMPERATURE QUICK DISCONNECT SET - #8432 is a two-piece quick disconnect both male and female for use to 500° F at pressures up to 200 psi (13.8 bars). Sold as a set of male & female components.

P/N 01-14866 ........................................... $24.85/set

SHRINK TAPE - #9010 is an oriented polyester film designed to shrink as the laminate approaches cure temperature. The applied pressure is maintained during cure. It is used extensively where the shape of the assembly makes conventional bagging too labor-intensive. If excess resin needs to be released during cure, perforating the shrink tape after the assembly has been wrapped with a porcupine roller will reduce the resin content as well as permitting air and volatiles to escape. Thickness: .002". Width: 1-1/4", Roll length: 100 yds.

P/N 01-14870 ........................................... $15.85/roll

GREENFLOW 75 - Greenflow 75 is designed to efficiently distribute resin with little waste due to the low profile, tight construction. Greenflow 75 can be used with polyester vinylster and epoxy resins. Color: Green. Thickness: .035 - .003 (0.9mm - 0.75µm). Melt Point (Method:DSC): 230°F (161°C). Configuration of Net: Rhombic

P/N 01-01081 ........................................... $3.35/Yd.

SEALANT TAPE ROLLER - #9050 is a plastic roller designed to assist in applying sealant tape between the bag and the tool. It assists the operator in applying maximum pressure to make a leak-proof, smooth seal. The unit is lightweight and easy to use, and the plastic roller helps prevent damage to the film. Roller diameter: 1-3/16". Roller Diameter: 1-3/8".

P/N 01-14875 ........................................... $24.50/ea.

PORCUPINE ROLLER - #9060 is a steel roller used to designed to perforate films to allow air, volatiles, and some resin flow through the film. The amount of resin flow can be controlled by the depth of the pin penetration. Also useful on foam to give the bonding adhesive a better grip on the foam surface.

P/N 01-14880 ........................................... $87.80/ea.

VACUUM GAUGE - A dial faced vacuum gauge capable of displaying vacuum from 0° to 30" Hg. It is 2" in diameter and can be used on the vacuum pump line, holding tank, or with a vacuum valve to determine vacuum in specific areas of a bagged assembly. Fitting size: 1/4" NPT.

P/N 01-14894 ........................................... $128.95

ECONOMY VACUUM GENERATOR - a low cost and reliable method of generating a vacuum for those who already own an air compressor. The generator will create 27" of Hg vacuum/pressure when coupled in-line to an air compressor capable of producing 2.2 cm. Larger air compressors are advisable for continuous use applications. Suitable for parts up to 80 ft².

P/N 12-11148 ........................................... $192.75

RESIN LINE CLAMP FOR VACUUM INFUSION

Clamp is designed to easily control vacuum and resin from fully on to fully off or anywhere in between. The ergonomic, over-sized, knurled knob allows precise control. It is simple to install and remove and is light enough to hang on the hose. Rugged all metal construction will provide years of service. It will not cut the hose like vise plier clamps. The bright anodized knob makes it easy to find. Will accommodate hoses up to 1/2" OD and is made in the USA.

P/N 01-12220 ........................................... $16.95