

DATA SHEET
PERMAGRIP

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Prevents Core Migration During Honeycomb Sandwich Panel Fabrication

Description

Permagrip is applied around the mold periphery in the excess part area. Full skin plies are extended over the **Permagrip** and become anchored in place during autoclave processing. This method of fabrication will greatly inhibit and in most cases eliminate core movement.

Preparation for Bonding to the Mold

Abrade and solvent wipe the bond surface of the mold and the **Permagrip**. All mold release and oxidation must be removed from these surfaces.

Bonding (Option #1) - Apply silicone primer to both surfaces per the manufacturer instructions and bond in place with RTV adhesive.

Bonding (Option #2) - Apply high temperature film adhesive, paste adhesive or toolmaster prepreg to the bond surface then vacuum bag and cure.

Note: **Permagrip** can be cut into smaller segments prior to bonding to minimize the effects of thermal expansion between dissimilar material.

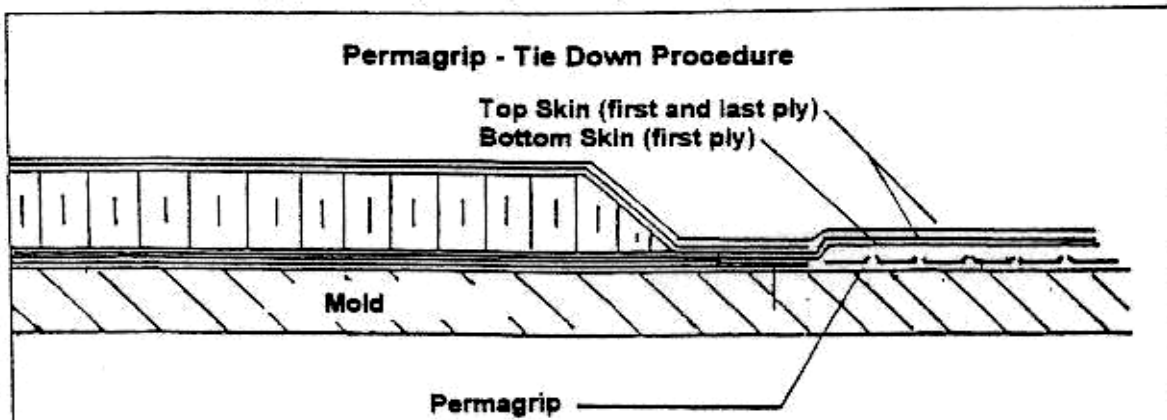
STRIP WIDTH GUIDE

<u>Core Height</u>	<u>Permagrip Width</u>
1/2" (1.27cm) to 3/4" (1.9cm)	2" (5.08cm)
1" (2.54cm) to 1 1/2" (3.81cm)	4" (10.16cm)
Over 1 1/2" (3.81cm)	6" (15.24cm)

Sizes Available

2" (5.08cm) x 4 feet (1.22m)
4" (10.16cm) x 4 feet (1.22m)
6" (15.24cm) x 4 feet (1.22m)

Material Construction .015 (.38mm) aluminum
 Approximately .050 (1.27mm) raised perforations on 1/4" (6.35mm) centers.



CATALOG POSITION: MISCELLANEOUS



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