



HONEYCOMB PANELS

ROOM AND HIGH
TEMPERATURE

PRODUCT BULLETIN



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DESCRIPTION

Room Temperature Honeycomb Panels are manufactured using two layers of woven fiberglass cloth on each face over .003" commercial grade, 3/8" cell, perforated aluminum core, with bondable peel ply surfaces. This material will meet most automotive and aircraft specifications up to a 180°F/82°C working temperature. Its high strength-to-weight ratio makes honeycomb panels ideal as lightweight reinforcement structures in a variety of tooling and fixture applications. Typical applications include as stretch form supports, support structures, egg crate supports, drill fixtures and check gauges.

High Temperature Honeycomb Panels are manufactured to resist tooling temperatures up to 425°F/218°C. This Honeycomb panel is fabricated with fiberglass skins and high-temperature resins. A perforated, corrosion-resistant core and 2 plies of 10-ounce fiberglass cloth provide strength and stability. This material is bonded under pressure for greater peel strength. Peel ply is applied for good bonding surface, and the panel is staged post cured to 425°F/218°C.

Honeycomb Panels are manufactured by Reklein Plastics.

SPECIFICATION: Both Room and High Temperature Honeycomb Panels meet Boeing MMS 101 specifications.

STANDARD SIZES AVAILABLE: 1/2", 3/4", 1", 2" T x 48" W x 96" L

STORAGE: Store all honeycomb panels on a flat surface at 60°F - 100°F.

RTHoneycomb.doc/Revised 5/20/10
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