

Industrial Grade - Twinwall Polypropylene Sheet

A twinwall polypropylene sheet that is a versatile substrate suitable for a variety of packaging and building applications. Manufactured from recycled polypropylene, PakCor™ is resistant to most chemicals.



PRODUCT RANGE

Industrial Grade: A general purpose fluted substrate, designed for the industrial, packaging and building markets.

TYPICAL APPLICATIONS

Packaging: Cable Wraps • Divider Boards • Knock Down Boxes & Art Folios • Nestable & Stackable Totes.

Building: Waterproofing Membranes • Floor Protection and Covering Broken Windows • Enclosures & Partitions • Nursery Trays & Tree Guards.

FABRICATION

General Cutting & Guillotining: PakCor is predominantly cut using conventional paper guillotining equipment. For improved edge finish, a sharp blade with low hold down pressure is recommended. PakCor can also be die cut or scored into a variety of shapes using standard steel rule die cutting equipment. For smaller job runs or craftwork a sharp utility knife is also suitable

General Fabrication: Utilising standard workshop tools, PakCor can be drilled, stapled, nailed, hand punched, riveted, slit and glued. For bonding, the use of a double-sided tape, silicone adhesives, hot melt glues and ultrasonic welding are all highly suitable.

PRODUCT FEATURES

- Water Resistant • Lightweight & Rigid
- Cost Effective • Easily Fabricated
- Suitable for Limited Outdoor Use.
- Excellent Chemical Resistance.
- Recyclable
- Durable • Impact Absorbing.
- Corona Treated. (Printing Grade only)

PHYSICAL PROPERTIES

PROPERTIES	ASTM METHOD	UNIT	VALUE
General			
Specific Gravity	D-792	g/cm ³	0.905
Water Absorption	D-570	% @ 24 hrs	0.02
Light Transmission	D-1003	%	N/A
Dielectric Strength	D-149	Volts/Mil	500-600
Mechanical			
Notched Izod Impact	D-256	J/m	128
Tensile Strength	D-638	MPa	300
Flexural Strength	D-790	MPa	13200
Shore D Hardness	D-2240	Shore D	70
Thermal			
Service Working Temp.		°C	-20° to 85°C
Vacforming Temp.		°C	N/A
Thermal Expansion	D-696	10 ⁻⁵ /°C	10-15

N.B. For sheet sizes, gauges and colours, refer to your price list, or contact your nearest Mulford Plastics Branch.

The information detailed in this Data Sheet, is provided in good faith and should only be used as a general guide. For further information on various processes and technical properties, contact your local Mulford Plastics Branch. ©