

Corflute® is a twin wall polypropylene substrate available in a broad range of standard colours and sizes with the option of customisation. We also offer dual colours (co-extruded).

Corflute is designed for signage and packaging applications and is the material of choice for graphic grade printing.

Product overview

Corflute® is a 100% recyclable twin wall polypropylene material available in a broad range of stock colours, with the option of creating custom colours in both sheet and roll formats.

Corflute is designed for signage and packaging applications and is the material of choice for graphic grade printing.

A significant point of difference of Corflute sheet compared to similar plastic fluted products in the industry, is the ability to extrude 2600mm wide; the widest polypropylene twin wall sheet made in Australia. Corflute is also available in sheet lengths up to 5 meters and rolls up to 300 meters.



Industries & applications:

- Retail signage and display
- Packaging: food products, fresh produce, food delivery
- Horticulture: tree and vine guards, flower boxes, beehive containers

Thickness, sizes, colours & formats

Thickness:

- Gauge: 1.9mm to 10.5mm
- Weight: 300gsm – 2000gsm



Size & formats (all in mm's):

- Maximum width (dimension across flutes): 2600
- Lengths (dimension along flutes): 450 to 5000
- Standard sheet sizes: 2440 x 1220 / 1830 x 1220 / 1830 x 915 / 1220 x 915 / 915 x 610
- Roll formats up to 300 meters

Colours:

- Standard colours* - natural (frosted), white, black, yellow, blue, red, green, and light grey
- Customise to Pantone and corporate colours
- Dual colour / co-extrusion options

Corex Plastics (Australia) Pty. Ltd.

261 Frankston Dandenong Road, Dandenong 3175 AUSTRALIA
Phone: +61 3 9238 1300 | Email: hello@corex.com.au

* All information is to the best of our knowledge, true and correct. However, as many factors outside our knowledge and control can effect the products, no warranty can be given or implied in respect of such information and no information should be construed as a warranty in relation to the product or its use.



Contact Us:

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Technical information & options:

- Material: 100% recyclable Australian made polypropylene
- Printability: Corona surface treatment applied to enable ink adhesion. Ideal for screen and digital printing
- Wettability: Unaffected by water. Ideal for outdoor signage
- UV stabilised Corflute intended for outdoor applications
- Surface temperature: Corflute retains integrity between minus 20 degrees C to 85 degrees C
- Options: Anti static protection, Flame Retardant
- **PFAS Free** – Corflute® does not contain PFOA, PFOS, PFHxS, or any related PFAS chemicals.

Corflute Range Recycling:

When your Corflute products are ready to retire or if you have post industrial waste you want to return, Corex can recycle and reuse them.

Every sheet of Corflute is invited to be brought back. We supply industrial size recycling bins called Corpaks® to our clients and partners.

Customise this product:

Our technical specialists and designers can work with you to create customised solutions.

- Printing, die-cutting, plotter-cutting
 - Outdoor signage including bollard wraps, fences, gates
 - Wet application packaging
 - Packaging, boxes, containers
- Bespoke solutions for your industry

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Corflute[®]

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PRODUCT INFORMATION

MATERIAL PROPERTIES	UNIT	VALUE	TEST METHOD
Mechanical & Physical Properties			
Specific Gravity	g/cc	0.91-0.925	ASTM D792
Tensile Strength @ Yield	MPa	25	ASTM D638
Flexural modulus	GPa	1.1	ASTM D790
Elongation @ break	%	≥700	ASTM D638
Izod Impact	J/m	134	ASTM D256
Izod Impact @ 23° Celsius	KJ/m2	14	ISO 180/1
Izod Impact @ 0° Celsius	KJ/m2	6.5	ISO 180/1
Izod Impact @ -23° Celsius	KJ/m2	4	ISO 180/1
Drop Dart Impact	Kg cm/mm	50	Nylex TM4
Heat deflection temp @ 1.82 MPa	°C	50	ASTM D648
Hardness	Shore D	68	ASTM D2240
Linear coefficient of thermal expansion	mm/mm/°C	10-15x10 ⁻⁵	ASTM D696
Mould shrinkage	%	1-2	ASTM D955

GENERAL INFORMATION			
Standard Gauges (mm)	1.9mm - 10.5mm	Standard Sheet Size (mm)	2440mm x 1220mm
Finish	Corona treated	Printable	Yes
Colour	Any colour	U.V. Treatment	Yes
Service Temp	-20°C to +95°C	Warranty	Tested to 3 year outdoor weathering

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