

# Supercor

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## Quick Overview

An all weather signage and packaging substrate, Corflute® (Multicor and Supercor) is a tough, lightweight, economical and long lasting twin-wall fluted polypropylene that is 100% recyclable.

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## Configurable Product Options

### MANUFACTURER COLOUR

White

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## Details

An all weather signage and packaging substrate, Corflute® (Multicor and Supercor) is a tough, lightweight, economical and long lasting twin-wall fluted polypropylene. Available in white, yellow & black. Australian made, graphical grade, this rigid is also 100% recyclable.

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## Features

- High quality
  - Hi-white, twin wall, fluted polypropylene (PP) sheet
  - Corona treated for printing
  - Light weight, strong and durable
  - Impact & water resistant
  - 100% recyclable - ask us about the Corflute recycling program
  - UV Stabilised
  - Fast turn around for custom sizes
  - Manufactured in Australia
  - Flame retardant grades available on application
  - Flutes run parallel to the width measurement
  - Offers consistent print surface with 44 Dyne (min.) for superior ink adhesion
  - Offered as Mutlicor, Multicor Digital Ready, Multicor Tints, Supercor and Supercor Digital Ready
  - Digital version is a precise, cut to size sheet ready for digital printing
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## Applications

- Real Estate
- Directional signage
- Hanging signs
- Fence signs
- POS displays
- Packaging
- Election signage
- A frames

Printing Tips

- Conventional Direct Screen Printing
- UV Curable Screen Printing
- UV Curable Inkjet\*

Product Range

	Thickness (MM)	Sheet Size	Colour
Multicor	3.0	600 x 900, 1830 x 915, 1830 x 1220, 2440 x 1220.	White
Multicor	3.3	600 x 900, 915 x 610, 915 x 1220, 1220 x 915, 1830 x 915, 1830 x 1220, 2460 x 1240.	White
Multicor Tints	3.0	1830 x 1220	Black, Yellow
Supercor	5.0	915 x 610, 915 x 1220, 1220 x 915, 1830 x 1220, 1830 x 915, 1850 x 1250, 2440 x 1220, 2440 x 915, 2460 x 1240, 3050 x 1220.	White
Supercor	8.0	2440 x 1220	White

Technical Data

Product	Gauge (mm)	Flat Crush (KPA)
Multicor	3.0	685
Multicor	3.3	740
Multicor	3.5	
Supercor	5.0	
Supercor	8.0	

The polypropylene used to manufacture Multicor and Supercor has the following properties

Property	Test Method	Typical Value
Tensile Strength Yield	ASTMD638	27MPa
Elongation Break	ASTMD638	200%
Flexural Modulus	ASTMD709	1.1 GPa
Heat Distortion Temp. 455KPa	ASTMD648	100°C
Hardness Shore D	ASTMD785	89
Izod Impact Notched 23~0	ASTMD256	150J/m

Dyne level:	Corflute® has a surface tension that is at least 44 dyne/cm. This allows inks to fully wet the substrate surface and allow for superior ink adhesion.
Ink Compatibility:	Conventional Screen Printing UV Curable Screen Printing UV Curable Inkjet*
Base Material:	Virgin Polypropylene Co-Polymer (PP)
Colour:	White (standard), black & yellow.
Outdoor Life:	Up to 24 months*
Service Temperature:	-20°C to +85°C
Chemical Properties:	Corflute® has excellent chemical resistance properties. They are however, two types of chemicals that should be avoided: 1) Solvents or stress cracking agents for PP such as chlorinated solvents and some hydrocarbons. & 2) Strong acids or oxidising agents.

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### Important Note

All statements, technical information and recommendation are based on tests we believe to be reliable, but the accuracy or completeness thereof is not guaranteed, and the following is made in lieu of all warranties of merchantability and fitness for the purpose: Sellers and manufacturer’s only obligation shall be to replace such quantity of the product proved to be defective. Before using, user shall determine the suitability of the product for its intended use, and user assumes all risk and liability whatsoever in connection therewith.