



# Polypropylene Flute

## Description

Polypropylene Flute, also known as Corflute, is a twin-walled plastic panel that is ideal for temporary signage such as real estate signs and event signage. It is perfect for screen-printing, digital printing and for use with vinyl applications.

Flute is UV stable, waterproof, cost effective and suitable for both interior and exterior applications.

## Uses

Flute is used widely for both indoor and outdoor uses. Common applications include:

- Advertising Signs that are screen printed
- Packaging
- Floor Protection
- Plant protection
- Point of sale

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## Basic info

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- ✓ High strength to weight ratio
- ✓ Low water absorption
- ✓ Cost Effective
- ✓ Suitable for both interior exterior use
- ✓ Excellent printing surface





## Technical Data

### Availability

Colour	Gauge mm	Sheet Size
Black	2.80	2440 x 1220
	3.30	1830 x 1220
	5.00	2700 x 1220 3000 x 1220
White	3.30	900 x 600 1830 x 1220 2440 x 1220
	4.00	2440 x 1220
	5.00	900 x 600, 1830 x 1220, 2440 x 1220, 2700 x 1220



### Technical Properties

Property	Test	Unit	Value 3mm	Value 5mm
Physical				
Density	ASTM D792	g/cm <sup>3</sup>	0.5	0.9
Thickness	ASTM D 792	mm	3 ± 0.1	5 ± 0.1
Surface Tension (Dyne level)	ASTM D 2578	Dyne/cm	54	54
Mechanical				
Flexural Modulus	ASTM D790	Kgf/cm <sup>2</sup>	9.67	14.95
Stress at break	ASTM D 638	Kgf/cm <sup>2</sup>	67.54	61.49
Elongation at break	ASTM D 638	%	1217.96	1661.91
Compressive Strength	ISO 12048-94 (E)	Kgf	188.25	1302.8
Impact resistance (puncture) Load: 3.5kg	ASTM D 781	Nm	11.08	22.4
Thermal				
HDT (0.45Mpa, Unannealed)	ASTM D 648	°C	110	110
Vicat Softening Point	ASTM 1525	°C	156	156
Izod Impact Strength	ASTN D 256	Kg.cm/cm	100	174

\*The results of this Data sheet are just for information or comparison purposes only and should be used as a guide. This information is believed to be accurate. It is intended for professional end users who have the skills required to evaluate and use the data properly. Cebelio Holdings LTD. does not guarantee the accuracy of the data and assumes no liability in connection with damages incurred while using it.

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