

## Graphic Sheet - Girobond

PROMEG® Girobond is a solid polypropylene sheet featuring a fine matte, paper-like surface finish specifically engineered for high end graphic and print applications. The sheet combines the durability and moisture resistance of polypropylene with the tactile feel and visual softness of premium paperboard.

It offers excellent ink adhesion and print quality across a wide range of printing processes including UV offset, screen, and digital printing. The controlled surface roughness (Ri = 0.8–1.0 µm) ensures uniform ink laydown and crisp image reproduction while maintaining a low-gloss, professional aesthetic.

PROMEG® Girobond is lightweight, flexible, and tear-resistant, making it ideal for presentation folders, menus, retail displays, and premium packaging where long lasting appearance and reusability are important. The material is 100% recyclable and available in various thicknesses and colours to suit specific design and performance needs.

### Product Highlights:

- Fully recyclable
- Suitable for UV offset presses
- Girobond sheets come in a range of thicknesses (0.38mm-0.95mm)
- Girobond is stocked in 760mm x 1020mm sized sheets
- Corona treated on both sides (minimum 45 dynes/cm<sup>2</sup>)
- Printability for offset, screen, and digital printing
- Consistent gauge control (+2% / -3%)
- Girobond sheets come in a range of thicknesses (0.38mm-4mm) and sizes to suit most graphic applications, including common sizes like 1220 x 2440 mm and smaller format sheets for specific uses.
- Flat sheet profile (≤ 3.0 mm lift from bench)
- Edge squareness: ± 2 mm diagonally
- Surface Roughness (Ri) 0.8 – 1.0 µm
- Modified blends available for outdoor applications



### Common Applications:

- Point of Sale (POS) and retail displays
- Presentation folders
- Menus and binders
- Durable graphic sheets
- Premium packaging



PRODUCT INFORMATION

### Corex Plastics (Australia) Pty. Ltd.

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\* 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.

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**Australian**

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Find out more  
**corex.com.au**

MATERIAL PROPERTIES	UNIT	VALUE	TEST METHOD
<i>Promeg® Girobond offer high performance for demanding print and display uses:</i>			
<b>Tensile Strength @ Yield</b>	MPa	25-30	ASTM D638
<b>Flexural modulus</b>	MPa	1200	ASTM D790
<b>Izod Impact @ 23 Celsius</b>	kJ/m <sup>2</sup>	14	ISO 180/1
<b>Thermal Expansion</b>	mm/mm.K	11 x 10 <sup>-5</sup>	ASTM D696
<b>Melting Range</b>	°C	150-170	
<b>Continuous Use Temperature</b>	°C	90	

**Key steps for perfect prints and handling:**



Always wear cotton gloves to avoid fingerprints and surface contamination.



Store sheets flat, in a controlled temperature to avoid warping before printing.



In high humidity environments, excess moisture can reduce surface energy, potentially impacting ink adhesion. Before printing, store sheets in a climate controlled environment and consider conditioning them (letting them acclimatise).



Use a calibrated ink profile specifically to ensure proper adhesion and true colour reproduction.



Run a test proof to inspect print quality and adhesion. Do not proceed to production if issues are identified. Conduct periodic checks during print runs to maintain consistent quality.

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