

## Graphic Sheet - Digital

PROMEG® Digital is a high quality solid polypropylene sheet specifically formulated for digital printing applications. Developed as part of the PROMEG® range, this grade features a modified formulation that significantly enhance ink adhesion and compatibility with UV inkjet, HP Indigo, and other digital print systems.

The material delivering superior surface wettability, reduced static, and outstanding print definition even on high-speed digital presses.

PROMEG® Digital offers a smooth matte finish that closely mimics coated paper, while remaining waterproof, tear resistant, and durable. Ideal for high end visual communication and reusable printed products.

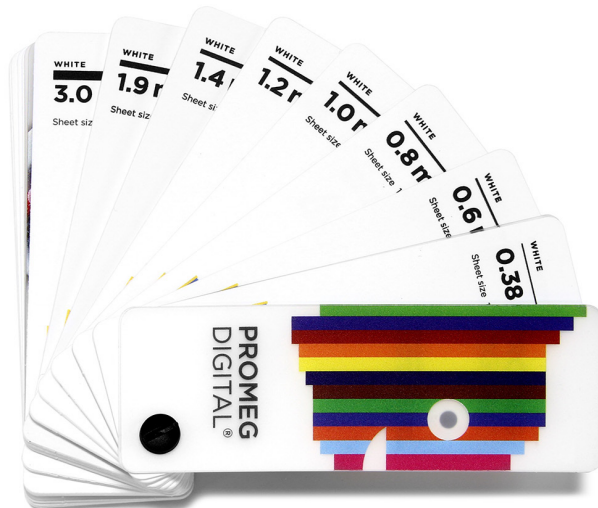
### Product Highlights:

- Eco-Friendly (fully recyclable)
- Suitable for screen and digital presses
- PROMEG® Digital sheets come in a range of thicknesses (0.38mm-3mm)
- PROMEG® Digital is stocked in 1220mm x 2440mm sized sheets
- Enhanced ink adhesion for digital and UV printing systems
- Consistent print quality
- Printability for offset, screen, and digital printing
- Anti static and easy feeding
- Engineered formulation minimizes warping or curling during temperature or humidity changes
- Can be die cut, welded, glued, or bound, allowing wide flexibility for converting and finishing operations
- Formulated to maintain high dyne level stability over time
- Consistent gauge control (+2% / -3%)
- Flat sheet profile ( $\leq 3.0$  mm lift from bench)
- Edge squareness:  $\pm 2$  mm diagonally
- Modified blends available for outdoor applications



### Common Applications:

- Digital signage and promotional prints
- Menus, presentation folders, and ID cards
- Display and point of sale materials
- Durable tags, labels, and covers
- Premium packaging



PRODUCT INFORMATION

### 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.

PROUDLY  Australian

### Contact Us:

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Find out more  
[corex.com.au](http://corex.com.au)

MATERIAL PROPERTIES	UNIT	VALUE	TEST METHOD
<i>Promeg® Digital offers high performance for demanding print and display uses:</i>			
<b>Tensile Strength @ Yield</b>	MPa	28	ASTM D638
<b>Flexural modulus</b>	MPa	1000	ASTM D790
<b>Izod Impact @ 23 Celsius</b>	kJ/m <sup>2</sup>	16	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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