

**Product:** D Board

**Category:** Display & Visual - Rigid

**Country of Origin:** New Zealand

## Technical specifications:

Description			D1000	D1500	D2000	D3000
Thickness	um	± 25um	1000	1600	1950	3000
Grammage	gsm	± 10%	660	970	1150	1550
GE Brightness	%	Min 82.5	92	92	92	92
Gloss	%		51	51	51	51
Moisture	%		5.3	5.3	5.3	5.3
Contains Filler	%	GPBE White Filler 100% Virgin	N/A	53	63	77
Screen Ruling			Up to 68 line/cm can be used			
Folding			Crease before folding. 180° folding requires a double crease for substances over 1000gsm			

- D Board is a two-side coated display board with white centre. It has a wide variety of uses, particularly for the high end flat bed digital printing markets.
- Suitable for screen, digital and offset printing. Outstanding ink holdout with colour fast dyes providing fade resistance.
- Available in large sheet sizes maximum 1550 x 3500mm.
- Grease Resistance (Mild levels of oil/grease contact).
- All grades are 100% recyclable.
- PH approx. 6.5 to 7.5
- Smooth surface. Full double coated surface.
- Superior stiffness.
- Clean -White styling. A distinctive clean-white styling delivers crisper colours and sharper contrast while maintaining optimal colour fidelity. Contains optical Brightening agents.
- No NZ indigenous wood species used.
- Virgin wood fibre, including paper and pulp, is from well managed sources.

### Food Safety compliance:

- The Liner Structure. Compliant with some food contact. USFDA 21 CFR §176.170 - Contact with Aqueous & Fatty Foods (with restriction). Due to optical brightener content, product is compliant for direct food contact as restricted to Food Types III, IV-A, V, VII-A, VIII, and IX [Table 1 - 21 CFR & 176.170(c)]. USFDA 21 CFR §176.180 - Components of Paper and Paperboard in Contact with Dry Food (without restriction) ISEGA Certificate of Conformity / BgVV Compliant.
- The Filler structure. The filler structure is a Virgin bleached Kraft, using a mixture of ground wood and Bleached ECF pulp. The Filler Complies with FDA Code of Federal Regulations Title 21, part 176 for contact with Dry Foods (176.180), aqueous and fatty foods (176.170). Complies with German BfR recommendation XXXVI. Tested and certified to these regulations by ISEGA. Uses only virgin pulp fibres and is free of optical brightening agents.
- The Laminating adhesive is predominantly a mix of PVOH and Clay in water. The Clay is a Kaolin, Eckalite 120. Kaolin is approved for use as an indirect food ingredient under the Code of Federal Regulations, 21 CFR 186.1256. It is also approved under 21 CFR 176.170 (Paper and Paperboard Component in contact with aqueous and fatty food) and 21 CFR 176.180 (contact with dry food). The FDA regulation of Polyvinyl Alcohol are covered under, 21CFR 181.30 (Paper and Paperboard used in food packaging).

# Technical specification sheet

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## Conversion<sup>+</sup>

- |   |   |
|---|---|
| <input type="checkbox"/> Flat bed cutters           | <input type="checkbox"/> Cold overlaminating          |
| <input type="checkbox"/> Friction fed cutters       | <input type="checkbox"/> Aqueous                      |
| <input type="checkbox"/> Die cutting                | <input type="checkbox"/> Latex inkjet                 |
| <input type="checkbox"/> Thermal transfer           | <input type="checkbox"/> Eco Solvnt inkjet            |
| <input checked="" type="checkbox"/> Screen printing | <input type="checkbox"/> Solvent inkjet               |
| <input checked="" type="checkbox"/> Offset printing | <input checked="" type="checkbox"/> UV curable Inkjet |

<sup>+</sup>Always test with your combination of printer and inks prior to commercial use.

## Sheet Sizes

760 x 1020mm, 1.0mm	131491	1020 x 760mm, 2.0mm	128053
1020 x 760mm, 1.0mm	128052	1020 x 1520mm, 2.0mm	124661
1040 x 1540mm, 1.0mm	127468	1040 x 1540mm, 2.0mm	124659
1040 x 1560mm, 1.0mm	131489	1040 x 1560mm, 2.0mm	131487
760 x 1020mm, 1.5mm	131490	1220 x 2440mm, 2.0mm	122361
1020 x 1520mm, 1.5mm	124662	1260 x 3000mm, 2.0mm	123079
1040 x 1560mm, 1.5mm	131488	1550 x 2500mm, 2.0mm	124660
1220x 2440mm, 1.5mm	131485	1040 x 1540mm, 3.0mm	122362
760x 1020mm, 2.0mm	131492	1040 x 1560mm, 3.0mm	131486

## Common applications

High end Point of Sale	Display Cards	Signages
Digital graphical printing	Packaging	
Photo Albums	Trade show signages	