Technical specification sheet

Ball & Doggett
ballanddoggett.com.au

Product: Doggett Digital Synthetic PP UV Inkjet

Category: Display & Visual - Screen Printing & UV Inkjet

Technical specifications:

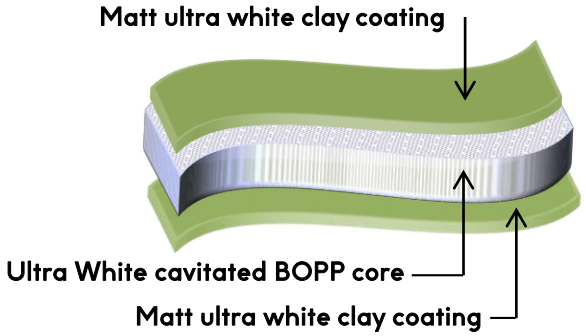
Two Side Coated BOPP Synthetic Paper

Product Description:
Doggett Digital Synthetic PP UV inkjet is locally recyclable.
Ultra White "paper-like" absorbent surface on both sides
Excellent printability and colour reproduction
5 layer base film = high stiffness and opacity
Excellent weather resistance

Thickness range:
80,100,120,150,180µm
Laminated grades 200 - 500µm

Product applications:
As a material for most labelling and graphics applications
Industrial, horticultural and stationery labels.
Promotional labels and transport graphics

Processing methods:
UV flexo printing: UV screen printing
UV letterpress printing: UV inkjet printing
Standard and UV offset printing
Suitable for thermal transfer printing, using wax and wax-resin based ribbons



Typical Properties *		Test Method	Unit											
Thickness		ISO 534	µm	80	100	120	150	180	200	230	**250**	**290**	**340**	400
Unit Weight		ISO 534	g/m²	66.0	84.5	88.4	110	128	154	162	**182**	**205**	**249**	278
Yield		DR-QC-001	m²/kg	15.2	11.8	11.3	9.1	7.8	6.5	6.2	**5.5**	**4.9**	**4.0**	3.6
Opacity		ISO 2471	%	92	92	93	93	95	95	96	**98**	**98**	**99**	99
Thermal Shrinkage	MD TD	ASTM D2732 135°C/7 min	%	<2.5 <1.5	<2.5 <1.5	<2.5 <1.5	<2.5 <1.5	<2.5 <1.5	<2.5 <1.5	<2.5 <1.5	**<2.5** **<1.5**	**<2.5** **<1.5**	**<2.5** **<1.5**	<2.5 <1.5
Tensile Strength	MD TD	ASTM D882	N/mm²	>75 >165	>75 >165	>75 >165	>75 >165	>80 >165	>80 >165	>80 >165	**>80** **>165**	**>80** **>165**	**>80** **>165**	>80 >165
Outdoor use		ASTM D154		Up to12 months										
Production Widths		DR-QC-001		80-180u 1380mm/54" and 2200mm/86", 200-500u 1600mm/63"										

* The information on this products and applications provided in this datasheet is based on testing of representative material and the results are believed to be reliable as at the date of publication advised below. The information does not constitute a warranty or guarantee, either expressly or implied, of any specific product attribute or the suitability of products for specific applications.