

**Product:** Doggett Digital Synthetic PP UV Inkjet

**Category:** Display & Visual - Screen Printing & UV Inkjet

## Technical specifications:

### Two Side Coated BOPP Synthetic Paper

#### Product Description:

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:

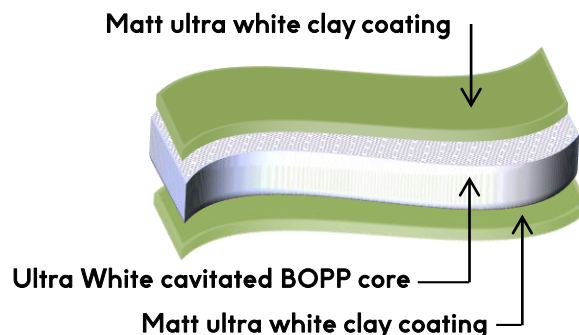
80,100,120,150,180µm  
Laminated grades 200 - 500µm

#### 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											
			80	100	120	150	180	200	230	250	290	340	400
Thickness	ISO 534	µm	80	100	120	150	180	200	230	250	290	340	400
Unit Weight	ISO 534	g/m <sup>2</sup>	66.0	84.5	88.4	110	128	154	162	182	205	249	278
Yield	DR-QC-001	m <sup>2</sup> /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	M D T D ASTM D2732 135°C/7 min	%	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
			<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5
Tensile Strength	M D T D ASTM D882	N/mm <sup>2</sup>	>75	>75	>75	>75	>80	>80	>80	>80	>80	>80	>80
			>165	>165	>165	>165	>165	>165	>165	>165	>165	>165	>165
Outdoor use	ASTM D154		Up to 12 months										
Production Widths	DR-QC-001		80-180µ 1380mm/54" and 2200mm/86". 200-500µ 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.