

Technical specification sheet

Ball & Doggett
ballanddoggett.com.au



Product: Sumo Ultra Smooth Blockout PVC Banner

Category: Display & Visual - Solvent, Eco Solvent and UV Ink jet

Technical specifications:

Property	Test Method	Value	Unit
Weight	-	480	g/m ²
Transmittance	ASTM E 424 1971 6. 5. 2	0.4	%
Tensile Strength (warp/weft)	ISO 527-3:2001	46.2 44.5	MPa
Tearing Strength (warp/weft)	ISO 6383-1:1983 C.R.E. PART1-TROUSER METHOD	8.2 23.8	N/mm
Elongation (warp/weft)	ISO 527-3:2001	107.2 96.8	%
Adhesion Strength (warp/weft)	ISO 2411:1991 C.R.E	33 32	N/5cm
Flexing Endurance	DIN 53351, FLEXOMETER METHOD	10	CYCLES
Resistance to Low Temp. (warp/weft)	ISO 527-3:2001	97.8 95.7	%
Resistance to High Temp. (warp/weft)	ISO 527-3:2001	95.9 94.8	%
Colorfastness to Weathering	ASTM G 26, METHOD A, TYPE B	3	grade

Conversion⁺

- | | | |
|--|--|---|
| ☐ Flat bed cutters | ☐ Cold overlaminating | ☒ Latex |
| ☐ Friction bed cutters | ☐ Aqueous (dye & pigment) | ☒ Solvent |
| ☐ Die cutters | ☐ Screen printing | ☒ Eco Solvent |
| ☐ Thermal transfer screen | ☐ Printing offset | ☒ UV Ink jet |

⁺Always test with your combination of printer and inks prior to commercial use

Roll Sizes

915mm x 50m	118244
2200mm x 50m	119853

Common Applications

Billboard banners	Pull up banners
Roll up banners	

Technical specification sheet

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Product: Sumo W/F Ultra Smooth Blockout PVC Banner

Category: Display & Visual - Solvent, Eco Solvent and UV Ink jet

Technical specifications:

Property	Test Method	Value	Unit
Weight	-	540	g/m ²
Transmittance	ASTM E 424 1971 6. 5. 2	1.2	%
Tensile Strength (warp/weft)	ISO 13934-1:1999 C.R.E.STRIP METHOD	1398.4 1413.1	N/5cm
Tearing Strength (warp/weft)	ISO 13937-2:2000 C.R.E. SINGLE TONGUE METHOD	3.9 4.9	N
Elongation (warp/weft)	ISO 13934-1:1999 C.R.E.STRIP METHOD	144.9 130.4	%
Adhesion Strength (warp/weft)	ISO 2411:1991 C.R.E	30.4 29.4	N/5cm
Flexing Endurance	DIN 53351, FLEXOMETER METHOD	150	CYCLES
Resistance to Low Temp. (warp/weft)	ISO 13934-1:1999 -20 deg 5HRS	95.7 96.5	%
Resistance to High Temp. (warp/weft)	ISO 13934-1:1999 80 deg. 5HRS	96.9 95.2	%
Colorfastness to Weathering	ASTM G 26. METHOD A, TYPE B	4	grade

Conversion⁺

- | | | |
|--|--|---|
| ☐ Flat bed cutters | ☐ Cold overlaminating | ☒ Latex |
| ☐ Friction bed cutters | ☐ Aqueous (dye & pigment) | ☒ Solvent |
| ☐ Die cutters | ☐ Screen printing | ☒ Eco Solvent |
| ☐ Thermal transfer screen | ☐ Printing offset | ☒ UV Ink jet |

⁺Always test with your combination of printer and inks prior to commercial use

Roll Sizes

915mm x 30m	120242
1370mm x 30m	120243

Common Applications

Billboard banners
Roll up banners

Pull up banners