

Warp Knitted Backlit Polyester

Composition:100% Polyester

PROPERTIES	TEST STANDARD	STANDARD	RESULT	PASS
Finished Material Weight	ASTM D-3776	260G/sq.m(±5g)	259G/sq.m	✓
Width	ASTM D 751-2006	320cm (±1cm)	320cm	✓
Thickness	ASTM D-1777	0.55mm (±0.05mm)	0.55mm	✓
Stretch	ASTM D 2594 (4.54kgf/101lbf)	2.0% (±1%)	Length: 2.2 %	✓
		3.0 % (±2%)	Width: 2.8 %	✓
Elongation at break	ISO 13934.1-2013	> 90 %	Length: 123 %	✓
		> 60 %	Width: 77 %	✓
Breaking strength	ISO 13934.1-2013	> 300 N	Length: 363 N	✓
		> 500 N	Width: 990 N	✓
Tearing strength	ISO 13937.2-2000	> 15 N	Length: 22 N	✓
		> 30 N	Width: 45 N	✓
Bursting Strength	ASTM D3787-2007(2011)	> 1000 N	1196 N	✓
Yellowing	ISO 13655-2009	$\Delta E < 2$	ΔE 0.84	✓
Light Shading	FZ/T62025-2015	62 %	62 %	✓
Shrinkage	205°C 0.65m/min 30CM*30CM	< 2 %	Length: = 1.2 %	✓
		< 2 %	Width: = 0.4 %	✓
Transfer Temperature	195°C-205°C,(Temperature) 0.65/min(Speed)	/	/	/

Ink Printability

Dye-Sublimation - Transfer , Direct