

PRODUCT SPECIFICATION

20 oz. Backlit

1.0 BASE FABRIC

Polyester

2.0 COATED FABRIC

2.1 Total Weight (nominal) 20 oz/yd² 680 g/m²

2.2 Thickness (nominal) 23 mils 0.58 mm

3.0 MATERIAL PROPERTIES (minimum)

	STANDARD	METRIC	ASTM TEST METHODS
3.1 Tensile Strength, 1" Strip			
Warp	175 lbs	578 N D751-B	
Fill	125 lbs	467 N	
3.2 Puncture, Screwdriver	65 lbs	289 N	D751
3.3 Puncture, Ball	350 lbs	1290 N	D751
3.4 Hydrostatic Resistance	375 psi	2.4 MPa	D751-A
3.5 Adhesion RF	10 lbs/in	17.5 N/cm	D751
3.6 Adhesion Thermal	10 lbs/in	17.5 N/cm	D751
3.7 Low Temp	-20 °F	-29 °C	D2136
3.8 High Temp, Cont/Interm.	180 / 200 °F	82 / 93 °C	D1204
3.9 Flame Resistance (small scale)			Calif. State Fire Marshall
Afterflame	4 sec (max)	4 sec (max)	
Char Length	6 in (max)	15 cm (max)	
3.10 Flame Resistance (large scale)			NFPA 701-99
Afterflame	2 sec (max)	2 sec (max)	
Char Length	17 in (max)	43 cm (max)	