

**Prime Supply 1**

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**Specification sheet****Specification XR-5 Liner**

<b>Property</b>	<b>Test Method</b>	<b>Value</b>	
Product number		8130	8138
Base Fabric type		Polyester	Polyester
Base Fabric Weight(nominal)	ASTM D 751	6.5 oz/yd <sup>2</sup>	6.5 oz/yd <sup>2</sup>
Thickness (Minimum)	ASTM D 751	30.0	40.0
Weight (± 2 oz/yd <sup>2</sup> )	ASTM D 751	30.0	38.0
Tear Strength ( minimum)	ASTM D 4533, Trapezoid Tear	40/55 lbs	40/55 lbs
Breaking Yield Strength(minimum)	ASTM D 751, Grab Tensile	550/550 lbs	550/550 lbs
Low Temperature Resistance	ASTM D 2136( 4 hr-1/8" mandrel @-30° F)	Pass	Pass
Dimensional Stability(Maximum)	ASTM D 1204(212° 1hr)	0.5%	0.5%
Adhesion-Heat sealed seam(minimum)	ASTM 751 (Dielectric Weld)	40 lb/2 in	40 lb/2 in
Dead Load Seam Strength	ASTM 751, 4-hour test, 2" Seam, 1" strip	240 lb @ 70° F	240 lb@70°F
Bursting strength (minimum)	ASTM D 751, Ball Tip	750 lbs	750 lbs
Hydrostatic Resistance(minimum)	ASTM D 751, Procedure A	800 psi	800 psi
Blocking Resistance	ASTM D 751(180°F/82° C)	#2 Rating max	#2 Rating max
Adhesion - Ply	ASTM D 413, Type A	15 lb/in or film Tearing Bond	15 lb/in or film Tearing Bond
Bonded Seam Strength(Minimum)	ASTM D 751, Grab Test Method Procedure A	550 lbs	550 lbs
Abrasion Resistance	ASTM D 3389H-18 Wheel 1kg Load	2,000 cycles minimum before fabric exposure 50 mg/100 cycle maximum weight loss	
Weathering Resistance	ASTM G 153(Carbon Arc, 8000 hrs)	No appreciable changes	
Water Absorption	ASTM D 471, Section 12, 7 days	0.025 kg/m <sup>2</sup> max @ 70° F 0.14 kg/m <sup>2</sup> max @ 212° F	
Wicking (Maximum)	ASTM D 751	1/8" inch	1/8" inch
Puncture Resistance( Minimum)	ASTM D 4833	275 lbs	275 lbs
Puncture Resistance (Approximate)	FED-STD 101C, Method 2031	350 lbs	350 lbs
Thermal Expansion/ Contraction Coefficient	ASTM D 696	8x10 <sup>-6</sup> in/in/° F max	8x10 <sup>-6</sup> in/in/° F max

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