

	Test Method	Units	8130	8138
Base Fabric Type	ASTM D751	oz / yd	6.5	6.5
Thickness	ASTM D751	mils min	30	40
Weight	ASTM D751	oz / yd	30.0 ±	38.0 ± 2
Tear Strength	ASTM D751	lbf / min	40 / 55	40 / 55
Breaking Yield Strength	ASTM D751	lbf / min	550 / 550	550 / 550
Dimensional Stability	ASTM D1204	max / hr	0.5 max	0.5 max
Hydrostatic Resistance	ASTM D751	psi / min	800	800
Blocking Resistance	ASTM D751	lbs / in	#2 Rating max	#2 Rating max
Adhesion Ply	ASTM D413	lbf / in / min	15	15
Adhesion -Heat Welded Seam	ASTM D751	lbf / 2" RF Weld	40	40
Dead Load Seam Strength	ASTM D751	lbf / in	Pass @ 240	Pass @ 240
Bonded Seam Strength	ASTM D751	lbf / min	550	550
Abrasion Resistance	ASTM D3389	cycles / min	2000	2000
Weathering Resistance	ASTM G153	hrs / min	8K w/ no change	8K w/ no change
Water Absorption	ASTM D471	kg / m ² max	0.025 @ 70 °F	0.025 @ 70 °F
Wicking	ASTM D751		1/8" max	1/8" max
Bursting Strength	ASTM D750-Ball Tip	lb. / min	750	750
Puncture Resistance	ASTM D4833	lbf / min	275	275
Coefficient of Thermal Exp/C	ASTM D696	in / in / F	8 x 10 ⁻⁶	8 x 10 ⁻⁶
Cold Crack	ASTM D2136	°F	Pass @ -30	Pass @ -30
Elongation at Yield	20% min	% / min	20	20

XR5 is a high strength scrim reinforced product with a polymer coating. It has maximum resistance to high temperatures and also chemicals such as acids, oils, methane, and more.

XR5 is a scrim reinforced product heat welded by a trained technician. Color options are available upon request. At WPL Fab we test each panel, accordion fold then roll onto a core, package with a protective layer and apply directions on the outside of the roll for ease of deployment.

Applications

Secondary Containment, Wastewater Containment, Reservoir Liners, Tank Liners

15847 Kimberlee St.
Houston, TX 77049
WPL-Fab.com