



SAFEGUARDS

Pollution Prevention Products

“Safeguarding Your Environment”
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	Test Method	Standard	Metric
Hydrostatic Resistance	ASTM D751 Method A	800 psi minimum	5.51 MPa minimum
Blocking Resistance	ASTM D751 180° F/82° C	#2 Rating maximum	
Adhesion - Ply	ASTM D413	15 lb _f /in minimum or Film Tearing Bond	13 daN/5 cm minimum or Film Tearing Bond
Bonded Seam Strength	ASTM D751 Seam Strength as modified by NSF 54	550 lb _f minimum	2447 N minimum
Abrasion Resistance	ASTM D3389 H-18 Wheel 1000 g Load	2000 cycles (min.) before fabric exposure 50 mg/100 cycles maximum weight loss	
Weathering Resistance	ASTM G23 (Carbon-Arc)	8000 hrs (min.)-No appreciable changes or stiffening or cracking of coating	
Water Absorption	ASTM D471 Section 12 7 Days	0.025 kg/m ² maximum @ 70° F/21° C 0.14 kg/m ² maximum @ 212° F/100° C	
Wicking	Shelter-Rite® Procedure	1/8 in maximum	0.3 cm maximum
Puncture Resistance	ASTM D4833	250 lb _f minimum	1112 N minimum
Coefficient Of Thermal Expansion/Contraction	ASTM D696	8 x 10 ⁻⁶ in/in/°F maximum	1.4 x 10 ⁻⁵ cm/cm/°C maximum

Seaming: Thermal welding methods are recommended. No glues or solvents are suggested.



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PolyChem 3 Specifications