



PVC 40

40mil POLYVINYL CHLORIDE LINER

TESTED PROPERTY	TEST METHOD	UNIT ENGLISH (METRIC)	VALUE ENGLISH (METRIC)
Thickness	ASTM D 5199	mil (mm)	40 ± 2 (1.02 ± 0.05)
Tensile Properties: Strength at Break Elongation Modulus @ 100%	ASTM D 882 Min	lbs/in (kN/m) % lbs/in (kN/m)	97 (17.0) 430 40 (7.0)
Tear Strength	ASTM D 1004 min	lbs (N)	10 (44)
Dimensional Stability	ASTM D 1204 Max Chg	%	3
Low Temperature Impact	ASTM D 1790 Pass	°F (°C)	-20 (-29)
INDEX PROPERTIES			
Specific Gravity	ASTM D 792 Typical	g/cc	1.2
Water Extraction % loss (max)	ASTM D 1239 Max Loss	%	0.20
Average Plasticizer Molecular Weight	ASTM D 2124		400
Volatility Loss	ASTM D 1203 Max loss	%	0.5
Soil Burial: Break Strength Elongation Modulus @ 100%	G 160 max chg	% % %	5 20 20
Hydrostatic Resistance	ASTM D 751 min	psi (kPa)	120 (830)
SEAM STRENGTHS			
Shear Strength	ASTM D 882 min	lbs/in (kN/m)	77.6 (14)
Peel Strength	ASTM D 882 min	lbs/in (kN/m)	15 (2.6)

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