



PVC 20

20mil POLYVINYL CHLORIDE LINER

TESTED PROPERTY	TEST METHOD	UNIT ENGLISH (METRIC)	VALUE ENGLISH (METRIC)
Thickness	ASTM D 5199	mil (mm)	20 ± 1 (0.51 ± 0.03)
Tensile Properties: Strength at Break Elongation Modulus @ 100%	ASTM D 882 Min	lbs/in (kN/m) % lbs/in (kN/m)	48 (8.4) 360 21 (3.7)
Tear Strength	ASTM D 1004 min	lbs (N)	6 (27)
Dimensional Stability	ASTM D 1204 Max Chg	%	4
Low Temperature Impact	ASTM D 1790 Pass	°F (°C)	-15 (-26)
INDEX PROPERTIES			
Specific Gravity	ASTM D 792 Typical	g/cc	1.2
Water Extraction % loss (max)	ASTM D 1239 Max Loss	%	0.15
Average Plasticizer Molecular Weight	ASTM D 2124		400
Volatility Loss	ASTM D 1203 Max loss	%	0.9
Soil Burial: Break Strength Elongation Modulus @ 100%	G 160 max chg	% % %	5 20 20
Hydrostatic Resistance	ASTM D 751 min	psi (kPa)	68 (470)
SEAM STRENGTHS			
Shear Strength	ASTM D 882 min	lbs/in (kN/m)	38.4 (6.7)
Peel Strength	ASTM D 882 min	lbs/in (kN/m)	12.4 (2.2)

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