



40mil PVC (POLYVINYL CHLORIDE LINER)

TESTED PROPERTY	TEST METHOD	UNIT ENGLISH METRIC	VALUE ENGLISH METRIC
			40PV
Thickness	ADTM 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) 430 40 (7.0)
Tear Strength	ASTM D 1004 min	lb(N)	10(44)
Dimensional Stability	ASTM D1204 Max Ch	%	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	%	0.2
Average Plasticizer Molecular Weight	ASTM D 2124		400
Votatility Loss % loss(Max)	ASTM D 1203 Max Loss	%	0.5
Soil Burial Break strength Elongation Modulus @ 100%	G160 max chg	% % %	5 20 20
Hydrostatic Resistance	ASTM D 751 min	psi(kpa)	120(830)
SEAM STRENGTH			
Shear Strength	ASTM 882 D min	lbs/in(kN/m)	77.6(14)
Peel Strength	ASTM 882 D min	lbs/in(kN/m)	15(2.6)

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