

ProCoat - 40mil Woven Coated Polyethylene

ProCoat 40mil geomembranes are designed as a high strength liner & cover for long term applications. ProCoat 40mil is available as a single-scrim as well as a double-scrim laminate for extreme applications. This product is formulated to have strength and durability in aggressive environments.

Product Specifications		Typical Value	
		40mil Single Scrim	40mil Double Scrim
Property Tested	Test Method		
Nominal Thickness (Mil)	ASTM D 1777	40 (1.00mm)	40 (1.00mm)
Weight (oz/yd ²)	ASTM D 5261	14.2 oz/yd ² (481 g/m ²)	18.5 oz/yd ² (627 g/m ²)
Grab Tensile (N)	ASTM D7004	MD 450lbs (1998N) CD 450lbs (1998N)	MD 680lbs (3019N) CD 680lbs (3019N)
Strip Tensile (N/5cm)	ASTM D4533	MD 275 lb/in (2442) CD 350 lb/in (3108)	MD 460 lb/in (4085) CD 460 lb/in (4085)
Puncture Resistance	ASTM D4833	200lbs (600N)	350lbs (1554N)
Low Temperature Flexibility (F°)	ASTM D 2136	-65° (-85°C)	-65° (-85°C)
Mullen Burst (psi)	ASTM D 751	750 (5168 kPa)	1300 (8957 kPa)
Hydrostatic Resistance	ASTM D751	612 psi (4217 kPa)	685 psi (4720 kPa)
Hydraulic Conductivity (Permeability)		2.65 X 10 ⁻¹² cm/s	2.65 X 10 ⁻¹² cm/s
Accelerated UV Weathering	ASTM G 154	> 90% 2000 hours ¹	> 90% 2000 hours ¹
Standard Warranty ²		TBD	TBD

All Values ± 10%. ¹QUV A-340 lamps 8 hrs UV @ 60° C, 4 hours condensation. The test data is based on an average taken over several production runs and should not be considered or interpreted as minimum or maximum values. Values are typical data and not limiting specifications. ² Available special registered warranty (clear water applications): 25 years buried, 20 years exposed.

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Western ProLine
PO Box 158
184 Hwy 59 North
Miles City, Montana 59301
406.234.1680 Phone
406.234.7774