



RPL-30 is an impermeable multi-layered HDPE reinforced geomembrane utilizing JAG weave technology and a specialty coating. RPL-30 is the industry leader for quality and strength. With a range of thicknesses, RPL-30 is your ideal choice for any containment or cover project. With our 144" lightweight rolls which allow it to be factory fabricated to reduce field seaming and installation time. This also allows for larger, lightweight fabricated panels. Our formulation offers optimal welding temperature, for ease and speed, creating better welds that last. Available in white and other colors upon request. RPL-30 is High Strength, High Puncture Resistant, UV Resistant, and Recyclable.

RPL-30's specialty coating and high strength HDPE JAG weave core, makes it an ideal choice for the following applications: Rain Covers, Stormwater Management, Ponds (Fish Safe), Above Ground Fracking Tank, Oil & Gas Fracking Pad, Reservoirs & Canals, Soil Remediation, Dewatering Bag Underlayment, Spill Containment, and Dredging Pads.

MECHANICAL PROPERTIES	TEST METHOD	Value
		MD: Machine Direction TD: Transverse Direction
Thickness	ASTM D1777	30 mil
Nominal Weave		14 x 12 ppi
Coating Thickness		5.5 mil
Color (Standard)		Black
Grab Tensile	ASTM D751	MD 437 lb TD 438 lb
Tongue Tear	ASTM D5884	MD 101 lb TD 105 lb
Strip Tensile	ASTM D7003	MD 210 lb TD 519 lb
Trapezoidal Tear	ASTM D4533	MD 89lbs TD 100lbs
Mullen Burst	ASTM D751	700 psi
Puncture Resistance	ASTM D4833	208lbs
Dimensional Stability	ASTM D1204	MD 2.2% TD 1.4%
Hydrostatic Resistance	ASTM D751	564 psi
Low Temperature Flex	ASTM D2136	Pass @ -85°F
Weathering	ASTM G151/154	>90% after 2,000 hours

10 year exposed and 20 year buried warranty.



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