

COOLTHANE®

WATER CONTAINMENT

CoolThane® L4090UPW | 40 oz / yd² | 1,356 g / m²

50,000-gallon water tank

Base Fabric	Standard	Metric
Weight	15.6 oz / yd ²	529 g / m ²
Fiber	Nylon / Polyester	

Coated Fabric	Standard	Metric
Overall Thickness	54 (+/- 2) mils	1.37 (+/- 0.05) mm
Total Weight	40 (+/- 2) oz / yd ²	1,356 (+/- 68) g/m ²
Thickness over Scrim	10 mils (min)	0.25 mm (min)
Coating Type	Urethane	
Coating Distribution	60 / 40	
Sealing Properties	Dielectric / Thermal	

Material Properties	ASTM Test Methods	Standard	Metric
Tensile Strength, 1" Strip (Warp / Fill)	D751B	500 / 500 lbs	2,224 / 2,224 N
Tear Strength, Tongue (Warp / Fill)	D751B (mod)	35 / 35 lbs	156 / 156 N
Puncture Resistance, Screwdriver	D751	200 lbs	890 N
Ply Adhesion	D751 (mod)	60 lbs / 2 in	133 N / 5 cm
RF Adhesion	D751	45 lbs / in	78 N / cm
Thermal Adhesion	D751	45 lbs / in	78 N / cm
Low Temp	D2136	-60°F	-51°C
High Temp, Cont/Interm.	D1204	160 / 180°F	71 / 82°C

A variety of standard widths and colors are available.

This product is designed to meet the requirements of ATPD-2265, Sizes I, II, III & IV.

A One-Stop Shop. Cooley is the leading provider of a complete range of commercial and potable water-grade geomembranes—including CoolPro® reinforced polypropylene, CoolThane® polyurethane coated fabrics, and CoolShield® for high-temperature and extreme containment applications—to provide cost-competitive solutions for a wide, highly diverse range of applications.



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For further information, please contact Containment Solutions: 401.724.9000 or containment@cooleygroup.com