

COOLTHANE®

FUEL CONTAINMENT

CoolThane® L3290NESUE | 32 oz / yd² | 1090 g / m²

Base Fabric	Standard	Metric
Weight	15.6 oz / yd ²	530 g / m ²
Fiber	Nylon / Polyester	
Style	Woven	

Coated Fabric	Standard	Metric
Total Weight	32 (+/- 3) oz / yd ²	1090 (+/- 102) g / m ²
Coating Type	TPU	
Coating Distribution	50 / 50	
Sealing Properties	Dielectric / Thermal	

Material Properties	ASTM Test Methods	Standard	Metric
Tensile Strength, 1" Strip (Warp / Fill)	D751B	700 / 700 lbs	3,110 / 3,110 N
Tear Strength, Tongue (Warp / Fill)	D751B (mod)	35 / 35 lbs	156 / 156 N
Puncture Resistance, Screwdriver	D751	225 lbs	1,000 N
Puncture Resistance, Ball	D751	1,500 lbs	6,670 N
Hydrostatic Resistance	D751A	600 psi	4.1 MPa
RF Adhesion	D751	30 lbs / in	52 N / cm
Thermal Adhesion	D751	30 lbs / in	52 N / cm
Low Temperature Bend	D2136	-60°F	-51°C
High Temp, Cont/Interm.	D1204	160 / 180°F	71 / 82°C
Abrasion Resistance (H22/1kg)	D3389	10,000 cycles	
Permeability	E96	<0.12 fl-oz / ft ² / day	<38 ml / m ² / day

This product is designed for primary containment of fuel per MIL-T- 52983 Rev. G.

This product is designed for low temperature applications and can withstand impact at -76°F (-60°C) without cracking (DIN EN ISO 179).

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