

COOLTHANE®



Primary and Secondary Fuel Containment

Oil Booms | Inflatable Boats | Baffles |
Collapsible Tanks | General Industrial

Added Benefits

Outstanding fuel and chemical resistance
Proven performance at low temperatures
Exceptional resistance to UV, extreme
weather, tearing, and abrasion
Durable under tough conditions, minimizing
wear and damage

Available Colors

Black | Tan | White
Custom colors available upon request



CoolThane® TPU membranes are engineered for both primary and secondary containment of liquids—including potable water, fuels, and a wide range of aggressive chemicals. Their exceptional flexibility allows them to conform to complex surfaces while providing superior resistance to punctures, abrasion, ultraviolet radiation, and extreme temperatures.

Available in ether and ester formulations, CoolThane membranes are hydrolytically stable and resistant to petroleum hydrocarbons, making them ideal for long-term fuel, chemical, and potable water applications. The exclusive “rip-stop” scrim, advanced polymer processing, and precise manufacturing produce a versatile, high-performance geomembrane.

Combining high strength with outstanding heat-sealing performance, these membranes deliver long-lasting, reliable protection, and performance even in the most demanding environments—from military liners and water bladders to inflatable boats, oil booms, and lightweight containment fabrics.

**For more information, please contact
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CoolThane® L7090UPW-116

TECHNICAL DATA

COATED FABRIC SPECIFICATIONS*

Total weight	70±7 oz/yd ²
Fiber/Style	Nylon-Polyester / Style 90
Coating Type	Polyurethane (TPU)
Sealing Properties	Dielectric Thermal

Revision Date: 8 Sept 2021
Expiry Date: 8 Sept 2026

PROPERTY	MINIMUM	TYPICAL	TEST METHOD
Tensile Strength, Grab	Warp/Fill	950 x 950 lbs	1200 x 1200 lbs
Tear Strength, Tongue	Warp/Fill	30 x 90 lbs	50 x 125 lbs
RF Adhesion Strength	30 lbs/in	75 lbs/in	ASTM D751
Abrasion Resistance (H18/1 kg)	75,000 cycles	90,000 cycles	ASTM D3389
Low Temperature Bend	-60°F		ASTM D2136
High Temp (continuous/intermittent)	160/180°F		ASTM D1204

Comments:

The information contained herein or that is supplied by us, or on our behalf, is based upon data obtained through our own research and is considered accurate. However, no warranty is expressed or implied regarding the accuracy of this data, the results obtained from the use thereof, or that any such use will not infringe upon any patent. This information is furnished upon the condition that the person receiving it shall evaluate its suitability for the specific application.