

COOLGUARD® PW

Coolguard for Potable Water Applications

Bladder Tanks | Baffles |
Liners | Covers

Added Benefits

Certified to NSF Standard 61
for potable water usage

High strength encapsulated scrim
RF and hot air weldable

Bladder tanks have capacities of
up to 500 gallons / 1,892 liters

Available Colors

Black
Tan
Tan/Black

Available Width

74 in | 1.88 m



Coolguard® PW is a high-performance, coated barrier fabric manufactured with Cooley's proprietary ethylene terpolymer PVC alloy and formulated with DuPont™ Elvaloy®—ensuring long-term performance and flexibility—to bring the same superior strength and physical properties as the proven industrial grades of the Coolguard family of products. The fabric's construction is based on Cooley's revolutionary C3® Plus membrane technology, of which over 600 million square feet of product have been installed worldwide over the last 25 years. Coolguard PW's optimized product design is reliable and cost-effective, and Cooley's history of proven performance ensures consistent quality, responsive customer service, and world-class technical support.

*For further information,
please contact Cooley
Engineered Membranes*

Cooley Group
50 Esten Avenue
Pawtucket, RI 02860
Tel: 1.401.724.9000
Email: eminfo@cooleygroup.com
cooleygroup.com

Coolguard® PW | HRL-36

TECHNICAL SPECIFICATIONS

Coolguard® PW offers high-strength scrim reinforcement for superior tear resistance, and encapsulated edges to minimize taping of seams and reduce wicking and risk of delamination. Its 74 in. width (wider than standard 60 in.) allows for fewer seams, lower fabrication cost, and a more robust finished product. Coolguard PW is engineered for a wide range of potable water applications including:

- Bladder tanks
- Baffle curtains for clear well underground water reservoirs
- Liners for ponds, water reservoirs, and aquaculture
- Covers for tanks and ponds

Base Fabric	Standard	Metric
Base Fabric Weight	8 oz / yd ²	271 g / m ²
Fiber/Style	Polyester / Leno	

Coated Fabric	Standard	Metric
Total Weight	30 oz / yd ²	1,017 g / m ²
Thickness (+/- 10%)	36 mils	0.91 mm
Coating Type	Ethylene Terpolymer PVC Alloy	
Sealing Properties	Dielectric, Thermal	

Material Properties	ASTM Test Methods	Standard	Metric
Tensile Strength, Grab (Warp / Fill)	D751A	625 / 600 lbs	2,780 / 2,669 N
Tear Strength, Tongue (Warp / Fill)	D751B (mod)	120 / 120 lbs	534 / 534 N
Tear Strength, Trapezoidal (Warp / Fill)	D4533	75 / 75 lbs	334 / 334 N
Puncture, Flat Tip	D4833	220 lbs	979 N
Hydrostatic Resistance	D751A	600 psi	4.1 MPa
Dimensional Stability (212°F 100°C / 1h)	D1204	2.5% max.	
Ply Adhesion	D751 (mod)	20 lbs / 2 in	89 N / 5 cm
Thermal / R.F. Adhesion	D751	20 lbs / in	35 N / cm
Low Temp Bend (1" Mandrel)	D2136	-30°F max.	-34°C max.

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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1.401.724.9000 or eminfo@cooleysgroup.com**