

COOLGUARD® HRL PW

Coolguard for Potable Water Applications

Bladder Tanks | Baffles |
Liners | Covers

Added Benefits

Certified to NSF/ANSI/CAN 61 and
AS/NZS 4020 for potable water usage

High strength encapsulated scrim

RF, wedge, and hot air weldable

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

Available Colors

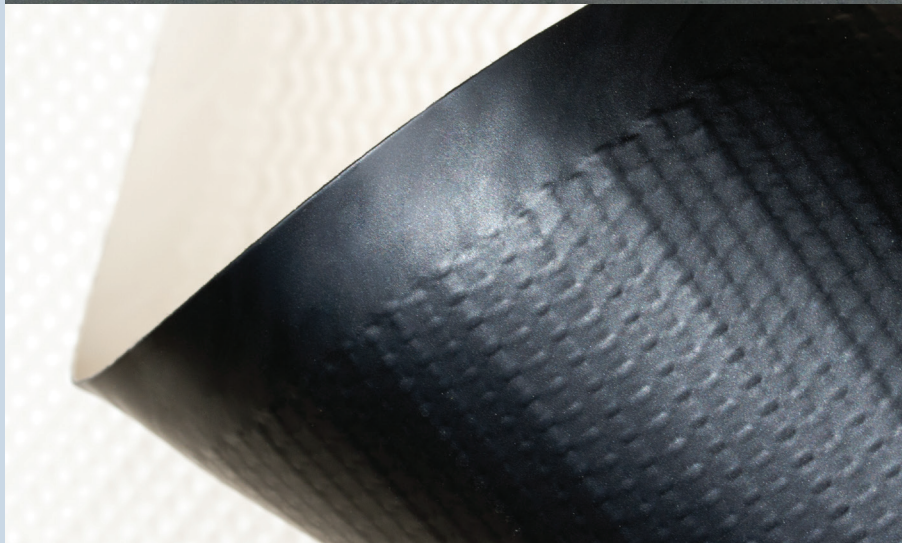
Black

Tan

Tan/Black

Available Width

74 in | 1.88 m



CoolGuard® HRL 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 HRL 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,
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CoolGuard® HRL PW | HRL-36

TECHNICAL SPECIFICATIONS

CoolGuard® HRL 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 HRL 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 Interpolymer Alloy (EIA)	
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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Elvaloy® is a registered trademark of
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For further information, please contact Containment Solutions:
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