

COOLGUARD® HRL PW



For Potable Water Applications

Bladder Tanks | Baffles | Liners | Covers

Added Benefits:

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

High strength encapsulated scrim

Superior durability against tears, punctures, and UV exposure

RF, wedge, and hot air weldable

Available Colors

Black | Tan | White

Custom colors available upon request

Available Width

74in | 1.88m



.....

CoolGuard® HRL PW is purpose-built for potable water applications, incorporating Cooley's revolutionary C3® Plus membrane technology. Featuring an exclusive "rip-stop" design, it offers the flexibility to contain a variety of fuels with the proven performance of DOW Elvaloy® technology. The high-strength encapsulated edges minimize seam taping and wicking, and an expanded 74-in width (wider than standard 60 in) to reduce seams, fabrication costs, and risk of delamination.

CoolGuard® geomembranes are engineered for lasting, high-performance containment of potable water, hydrocarbons, aggressive chemicals, and other regulated substances. They offer a cost-effective alternative to traditional double-walled tanks, concrete-lined embankments, and similar protective systems, delivering consistent performance even in the most demanding environments.

Certified for potable water use, CoolGuard HRL PW is ideal for bladder tanks, baffle curtains, tank and pond covers, and liners for reservoirs, ponds, and aquaculture.

**For more information, please contact
Cooley Containment Solutions**

Cooley Group
350 Esten Avenue
Pawtucket, RI 02860
Tel: +1 401.724.9000
containment@cooleygroup.com
cooleygroup.com

CoolGuard® HRL PW | 36 mils

TECHNICAL DATA

COATED FABRIC SPECIFICATIONS*

Total Thickness (10%)	36 mils
Weight (nominal)	30 oz/yd ²
Coating type	EIA
Sealing properties	Dielectric Thermal

Revision Date: 17 Jan 2024
Expiry Date: 17 Jan 2029

PROPERTY	MINIMUM	TYPICAL	TEST METHOD
Tensile Strength, 1" Grab warp/fill	625 / 600 lbs	670 / 630 lbs	ASTM D751A
Tensile Strength, 1" Strip warp/fill	325 / 260 lbs	375 / 350 lbs	ASTM D751A
Tear Strength, Tongue warp/fill	120 / 120 lbs	160 / 170 lbs	ASTM D5884
Puncture, Flat Tip	220 lbs	245 lbs	ASTM D4833
Puncture, Ball Tip	1,000 lbs	>1,000 lbs	ASTM D751
Puncture, Pyramid Tip (FTMS 101°C)	375 lbs	400 lbs	Method 2031
Hydrostatic Resistance	800 psi	815 psi	ASTM D751A
Dimensional Stability (1 hr/212°F)	2.5% (max)	1.5%	ASTM D1204
Ply Adhesion	25 lbs/2 in	30 lbs/ 2 in	ASTM D751
Thermal/RF Adhesion	20 lbs/in	40 lbs/in	ASTM D751
Abrasion Resistance	550 cycles	725 cycles	ASTM D3889
Low Temperature Bend	-40°F (max)		ASTM D2136

Key Features and Benefits:

- Certified to NSF/ANSI/CAN 61 and AS/NZS 4020 for potable water usage.
- High strength Leno scrim for superior tear resistance.
- Encapsulated edges to reduce wicking and risk of delamination as well as minimizing taping of seams and lower fabrication cost.
- 74" and 78" widths available (30% wider than standard 60") for fewer seams, better finished products and lower fabrication cost.

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.