



SOLUTIONS

ENVIRONMENTAL PROTECTION, INC.

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Mancelona, Michigan
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Toll-Free 800-OK-LINER

www.geomembrane.com

45 mil Coolguard™ HR Physical Properties

TYPICAL APPLICATIONS

Lagoons

Ponds

Tanks & other
impoundments

Floating covers

Tank farms

Wash down facilities

Airport de-icing
collection systems

Coolguard™ liner meets the need for an effective oil resistant material for primary and secondary (long-term) containment of a broad range of chemicals, including both dilute acids and organics.

Coolguard is a cost-effective terpolymer alloy coating consisting primarily of Elvaloy® and PVC resins. This unique blend of resins has been optimized to produce a high performance product which is not susceptible to plasticizer migration.

Coolguard is dimensionally stable, has excellent UV resistance and does not require earthen cover.

Gauge, Nominal (Mils)	ASTM-D751	45 ±10%
Plies Reinforcing	6.5 Ounce	1
Tongue Tear (LBS Min.)	ASTM-D751 Procedure B	135 x 135 lbs.
Trapezoid Tear (LBS Min.)	ASTM-D1117 Section 14	75 x 75 lbs.
Grab Tensile (LBS Min.)	ASTM-D751 Procedure A	500x450 lbs.
Strip Tensile (LBS Min.)	ASTM-D751 Procedure B	400 x 300 lbs.
Ply Adhesion (LBS Min.)	ASTM-D751	10 lbs.
Hydrostatic Resistance (P.S.I. min.)	ASTM-D751 Procedure A	600 psi
Puncture Resistance (1" Ball)	ASTM-D751	600 lbs.
Low Temperature (Deg. F)	ASTM-D2136	-30° F
Dimensional Stability (% Max)	ASTM-D1204 (1 Hr. @ 212°F)	2% Max.



Preserving water resources for future generations

Visit our Internet web site at
www.geomembrane.com