

COOLGUARD OASIS®

30-year Warranty

For Floating Cover Applications

Added Benefits

Extremely high resistance to
UV radiation, ozone, and weathering

Easy to fabricate, install, and
repair without curing out

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

RF, hot air, and wedge weldable
(extrusion rod available)

Designed with high-strength
reinforced scrim

Available in wide widths

Available In

20-year | 45 mil | Tan/Black

30-year | 60 mil | Tan/Light Blue (Reflective)



The **Coolguard Oasis™** floating cover is a durable, high-performance membrane specially designed for use on water reservoirs and certified (NSF/ANSI/CAN 61 and AS/NZS 4020) for potable water usage. Engineered with Cooley's proprietary TPA polymer, the cover is highly resistant to oxidation, ozone, ultraviolet light, and weathering effects; and because the membrane does not cure, it allows for easy welding of strong, reliable seams during the entire lifetime of the cover. The revolutionary floating cover'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
Containment Solutions*

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30-year warranty for floating cover applications

TECHNICAL SPECIFICATIONS (ENGLISH)

Coated Fabric	Typical
Overall Thickness (+/- 10%)	60 mil
Thickness over Scrim	23.5 mil
Polymer Type	Thermoplastic Alloy (TPA)
Sealing Properties	Dielectric / Thermal

This product is certified to NSF/ANSI/CAN 61 and AS/NZS 4020 for potable water usage.

Material Properties	ASTM Test Methods	Minimum	Typical
Tensile Strength, Grab (Warp)	D751A	400 lbs	460 lbs
Tensile Strength, Grab (Fill)	D751A	350 lbs	435 lbs
Tensile Elongation, Grab (Warp)	D751A	27%	30%
Tensile Elongation, Grab (Fill)	D751A	23%	30%
Tear Strength, Tongue (Warp)	D5884	140 lbs	190 lbs
Tear Strength, Tongue (Fill)	D5884	130 lbs	190 lbs
Puncture, Screwdriver	D751	75 lbs	100 lbs
Puncture, Ball	D751	415 lbs	515 lbs
Puncture, Rod	D4833	115 lbs	170 lbs
Hydrostatic Resistance	D751	650 psi	750 psi
Dimensional Stability (212°F/1 hr)	D1204	+/- 2 %	+/- 1 %
Low Temp Bend	D2136	-30°F	-30°F
Low Temp Brittleness	D1790	-50°F	-50°F
Abrasion Resistance (H18 / 1kg)	D3389	10,000 cycles	11,500 cycles
Ozone Resistance (100 pphm at 40°C)	D1149	Pass	
Coefficient of Linear Thermal Expansion	D696	4.6 x 10 ⁻⁵ ft / ft / °F	1.7 x 10 ⁻⁵ ft / ft / °F
Weathering Resistance (accelerated lab) ¹	G154	35,000 hrs	
Weathering Resistance (accelerated outdoor) ²	G90	60 months	
Weathering Resistance (natural outdoor)	D1485	24 months	
Seam Shear Strength	D7749	315 lbs	400 lbs
Seam Peel Adhesion	D751	20 lbs / in	30 lbs / in

¹ Accelerated laboratory weathering is ongoing. ² Accelerated outdoor weathering is ongoing in Arizona.

This is a preliminary specification based on limited production. Final values may vary.

A variety of standard widths are available. Contact Cooley Containment Solutions for details.

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.

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.

For further information, please contact Containment Solutions: 401.724.9000 or containment@cooleygroup.com