

OASIS® FLOATING COVER

Up to 30-year Warranties

Oasis 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 Standard 61 and AS 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)



• **Oasis® Floating Cover** is a durable, high-performance membrane specially
• designed for use on water reservoirs and certified (NSF Standard 61 and
• AS 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 Oasis 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
Engineered Membranes*

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20- and 30-year Warranties

TECHNICAL SPECIFICATIONS

20-year Warranty

Base Fabric	Standard	Metric
Base Fabric Weight	3.18 oz / yd ²	108 g / m ²
Fiber/Style	Polyester Anti-Wick / Knit	

Coated Fabric	Standard	Metric
Total Weight	43 oz / yd ²	1,458 g / m ²
Thickness (nominal)	45 mils	1.14 mm
Coating Type	TPA	
Sealing Properties	Dielectric / Thermal	

Material Properties	ASTM Test Methods		
	Standard	Metric	
Tensile Strength, Grab	D751A	250 lbs	1,112 N
Tear Strength, Tongue (8" x 8")	D751B	55 lbs	245 N
Puncture, Flat Tip	D4833	100 lbs	445 N
UV Stability (accelerated lab)*	G154	11,000 hrs (no cracking)	
Dimensional Stability	D1204	2.5 %	
Seam Shear Strength	D751A	200 lbs	890 N
Seam Peel Strength	D413	20 lbs	89 N

* Weathering testing is ongoing.

30-year Warranty

Coated Fabric	Standard	Metric
Overall Thickness (+/- 10%)	60 mils	1.5 mm
Polymer Type	TPA	
Sealing Properties	Dielectric / Thermal	

Material Properties	ASTM Test Methods		
	Standard	Metric	
Tensile Strength, Grab (Warp / Fill)	D751A	400 / 380 lbs	1,779 / 1,690 N
Tear Strength, Tongue (Warp / Fill)	D5884	140 / 130 lbs	623 / 578 N
Puncture, Screwdriver	D751	75 lbs	334 N
Puncture, Ball	D751	415 lbs	1,846 N
Hydrostatic Resistance	D751	650 psi	4.5 MPa
Dimensional Stability	D1204	+/- 2 % (212°F / 1 hr)	+/- 2 % (100°C / 1 hr)
Low Temperature Bend	D2136	-40°F	-40°C
Weathering Resistance*	G154	13,000 hrs	
Seam Shear Strength	D7749	200 lbs	890 N
Seam Peel Adhesion	D751	20 lbs / in	35 N / cm

* Accelerated laboratory weathering is ongoing.

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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