

OUTLAST. OUTPERFORM. OUTSTANDING.

Backed by over 30 years of proven geomembrane performance, XR-5[®] PW is the latest addition to the XR-Technology family.

The new XR-5[®] PW is specifically engineered for potable water floating cover applications

where UV protection is critical. This high-strength, flexible, puncture, tear- and UV-resistant membrane is the only coated fabric with NSF 61 approval for potable water contact.



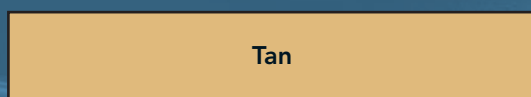
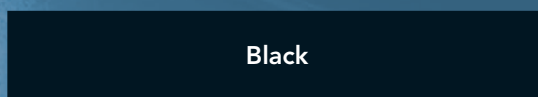
The **XR-5[®]PW** Difference vs. CSPE and Polypropylene

- 45mil XR-5[®] PW
- Superior UV-Resistance
- Floating Covers
- High Tensile Strength
- 20-Year Warranty
- Low Thermal Expansion And Contraction

Seaman Corporation is a global leader in the development of a broad range of innovative, high-performance fabrics. With a 60-year track record, Seaman Corporation has developed innovative fabric solutions for the roofing, military, architectural and marine industries.

Property	Test Method	8142 XR-5 PW
Base Fabric Type Base Fabric Weight	ASTM D 751	Polyester 6.5 oz/yd ² nominal (220 g/m ² nominal)
Thickness	ASTM D 751	45 mils nominal (1.13 mm min.)
Weight	ASTM D 751	42.0 ± 2.0 oz/yd ² (1424 ± 70 g/sq. m)
Tear Strength	ASTM D 751 Trap Tear	40/55 lb. min. (175/245 N min.)
Breaking Yield Strength	ASTM D 751 Grab Tensile	550/550 lb. min. (2,447/2,447 N min.)
Low Temperature Resistance	ASTM D 2136 4hrs-1/8in Mandrel	Pass @ -30° F (Pass @ -35° C)
Dimensional Stability	ASTM D 1204 212°F/100° C-1 hr.	0.5% max. each direction
Hydrostatic Resistance	ASTM D 751 Method A	800 psi min. (5.51 MPa min.)
Blocking Resistance	ASTM D 751 180° F/82° C	#2 Rating max.
Adhesion-Ply	ASTM D 413 Type A	15 lb./in. min. or film tearing bond (13 daN/5 cm min. or FTB)
Adhesion- Heat Welded Seam	ASTM D 751 Dielectric Weld	40 lb./2in. min. (17.5 daN/5 cm min.)
Dead Load Seam Strength	ASTM D 751 4-Hour Test	Pass 240 lb./in. @ 70° F (Pass 1,068 N/2.54 cm @ 21° C) Pass 120 lb./in. @ 160° F (Pass 534 N/2.54 cm @ 70° C)
Bonded Seam Strength	ASTM D 751 Procedure A, Grab Test Method	550 lb. min. (2,450 N min.)
Abrasion Resistance	ASTM D 3389 H-18 Wheel 1 kg Load	2,000 cycles min. before fabric exposure, 50 mg/100 cycles max. weight loss
Weathering Resistance	ASTM G 153	8,000 hours min. with no appreciable change or stiffening or cracking of coating
Water Absorption	ASTM D 471, Section 12 7 Days	0.025 kg/m ² max. @ 70° F/21° C 0.14 kg/m ² max @ 212° F/100° C
Wicking	ASTM D 751	1/8in max. (0.3 cm max.)
Bursting Strength	ASTM D 751 Ball Tip	750 lb. min. (3,330 N min.)
Puncture Resistance	ASTM D 4833	275 lb. min. (1,200 N min.)
Coefficient of Thermal Expansion/Contraction	ASTM D 696	8 x 10 ⁻⁶ in/in/° F max. (1.4 x 10 ⁻⁵ cm/cm/° C max.)
Puncture Resistance	FTMS 101C Method 2031	350 lb. (approx.)
Environmental/Chemical Resistance Properties	ASTM D 741 7-day Total Immersion with Exposed Edges	NSF 61 approved for potable water

Available Colors



Black

Tan