



## Technical Data Sheet

# XR-3 PW – Reinforced Geomembrane NSF-61 Approved for Potable Water

Product Application Chart	XR-5	XR-3	XR-3 PW (Potable Water grade)
High Puncture Resistance	X		X
UV Resistance	X	X	X
High Strength Applications	X		X
Floating Covers (Non-potable)	X	X	
Diesel/Jet Fuel Containment	X		
Industrial Wastewater	X		
Storm water	X	X	
Municipal/Domestic Wastewater	X	X	
Floating Diversion Baffles/Curtains			X
Potable Water ( <i>NSF-61 approved</i> )			X
Chemically Resistant Applications	X		

Properties	Test Method	XR-3 PW	
		Metric Units	English units
Thickness	ASTM D751	0.76 mm	30 mil
Weight	ASTM D751	950 ± 70 g / m <sup>2</sup>	28.0 ± 2 oz / yd <sup>2</sup>
Grab Tensile Strength ( <i>min.</i> )	ASTM D751	1110 / 890 N	250 / 200 lbs
Tear Strength ( <i>min.</i> )	ASTM D751	133 N	30 lbs
Puncture Resistance ( <i>min.</i> )	ASTM D4833	225 N	50 lbs
Low Temp. ( <i>pass at 4hr</i> )	ASTM D2136	-32°C	-25°F
Dimensional Stability ( <i>max.</i> )	ASTM D1204	5.0 %	5.0 %
Hydrostatic Resistance ( <i>min.</i> )	ASTM D751	2.07 mPa	300 psi
Burst Strength ( <i>Ball Tip method</i> )	ASTM D751	1557 N	350 lbf
Bonded Seam Strength ( <i>min.</i> )	ASTM D751	1112 N	250 lbf
Adhesion Heat Welded Seam ( <i>min.</i> )	ASTM D751	9.0 daN/5 cm	10 lbs / in