

TECHNICAL DATA SHEET

**PHYSICAL PROPERTIES AND TYPICAL VALUES**

PROPERTY	ASTM TEST METHOD	U.S. VALUE	METRIC VALUE
Weight	D-5261	117 LB/1000 FT <sup>2</sup>	57.1 KG/100 M <sup>2</sup>
Thickness	D-5199	48 MIL	1.2 MM
Load @ Yield	D-882	50 LBF	222 N
Load @ Break	D-882	65 LBF	289 N
		1350 PSI	9.3 MPA
Elongation @ Break	D-882	575 %	575 %
Tongue Tear	D-5735	50 LBF	222 N
Trapezoidal Tear	D-4533	94 LBF	418 N
PPT Resistance	D-2582	75 LBF	334 N
Dart Impact Strength	D-1709	5.0 LBS	2.3 KG
Puncture Strength	D-4833	97 LBS	431 N
Permeability	E-96	.0143 Grain/Hr•Ft <sup>2</sup> •in.Hg	

**FEATURES AND BENEFITS**

- Cross-laminated polyethylene with a geotextile fabric reinforcement layer that resists punctures and tears.
- UV stabilized to withstand prolonged exposure to sunlight.
- Ply X-210 is not prone to environmental stress-cracking (ESC) so it can endure repeated thermal expansion & contraction cycles.

**OUR CUSTOMERS DON'T JUST *cover their business,***  
**➔ THEY PROTECT IT**



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