



**PRODUCT INFORMATION • SPECIFICATION GUIDE**      HDPE ALLOY - 48 Mil Cross Laminated

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 MPA
	Permeability	E-96	.0143 Grain/Hr•Ft <sup>2</sup> •in.Hg	

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

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