

■ Description

PLY X-200 FR features fire-retardant, cross-laminated polyethylene that resists punctures and tears.

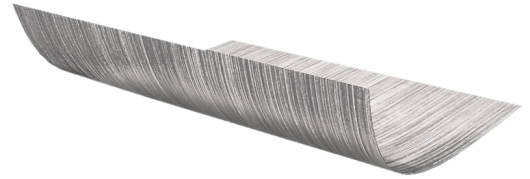
■ Ordering Information

AVAILABLE COLORS: Natural

USABLE TEMPERATURE RANGE:

Minimum : -40°F -40°C

Maximum: 170°F 77°C



■ Features and Benefits

- Alloyed construction resists punctures and tears
- Custom fabrication and custom sizes available
- Lightweight and easy to handle for quick installation
- UV stabilized for long life
- Cold-crack tested to assure continuous performance in extreme temperatures
- Fire Retardant it passes NFPA 701 Test 2

■ Suggested Applications

- Architectural Vapor Retarder for underslab, walls & ceilings and in roofing systems. Ideal for cold storage and high moisture areas.
- Floor Covers, dust partition and cleanroom enclosures.
- Temporary walls, plant dividers, building enclosures
- Containment Tents

■ Physical Properties & Typical Values

PROPERTY	ASTM TEST METHOD	U.S. VALUE	METRIC VALUE
Weight	D-3776	59 Lb/1000 Ft ²	28.8 Kg/100 m ²
1" Load @ Yield	D-882	20.5 Lbs	91.18 N
1" Load @ Break	D-882	36.0 Lbs	160 N
		2600 psi	18 Mpa
1" Elongation @ Break	D-6693	450 %	450 %
Tongue Tear	D-2661	23.0 Lbf	102 N
Trapezoidal Tear	D-4533	28.5 Lbs	127 N
PPT Resistance	D-2582	38.0 Lbf	169 N
Dart Impact Strength	D-1709	5.0 Lbs	2.3 Kg
Shrinkage (by area)	D-1204	15.50 %	15.50 %
Puncture Strength	D-4833	33.6 Lbs	15.25 Kg
Permiability	E-96	0.026 Grain/Hr-Ft ² -in. Hg	1.488 ng/s-m ² -Pa
Fire Retardancy	NFPA 701	Pass	

The information provided herein is based upon data believed to be reliable. All testing is performed in accordance with ASTM standards and procedures. All values are typical and nominal and do not represent either minimum or maximum performance of the product. Although the information is accurate to the best of our knowledge and belief, no representation of warranty or guarantee is made as to the suitability or completeness of such information. Likewise, no representation of warranty or guarantee, expressed or implied, or merchantability, fitness or otherwise, is made as to product application for a particular use.