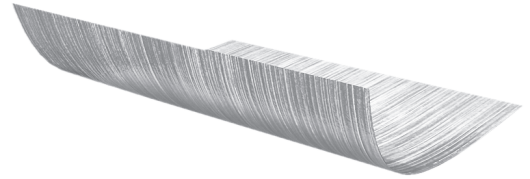


■ Description

PLY X-100 FR features fire-retardant, cross-laminated polyethylene that resists punctures and tears.



■ 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

- Curtains / Partitions
- Indoor Equipment Covers
- Indoor Storage

■ Physical Properties & Typical Values

PROPERTY	ASTM TEST METHOD	U.S. VALUE	METRIC VALUE
Weight	D-3776	30 Lb/1000 Ft ²	14.6 Kg/100 m ²
Thickness	D-2103	10.0 Mil	0.25 mm
1" Load @ Yield	D-882	9.5 Lbs	42.3 N
1" Load @ Break	D-882	32.0 Lbs	142 N
		3500 psi	24 Mpa
1" Elongation @ Break	D-6693	600 %	500 %
Tongue Tear	D-2661	10 Lbf	47 N
Trapezoidal Tear	D-4533	13 Lbs	60 N
PPT Resistance	D-2582	24 Lbf	120 N
Dart Impact Strength	D-1709	5.0 Lbs	2.3 Kg
Shrinkage (by area)	D-1204	-10 %	-10 %
Cold Crack Strength	D-1790	-40 °F	-40 °C
Fire Retardancy	NFPA 701	Pass	
Puncture Strength	D-4833	19 Lbs	85 N

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.

MADE
IN THE
USA

PLY X-100 FR

PERMALON®