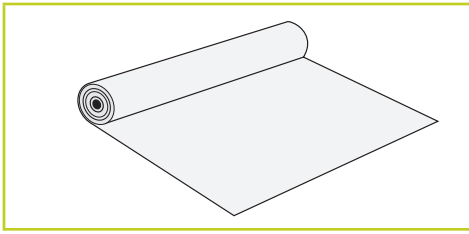


PERMALON® PLY X-210 G



REEF INDUSTRIES, INC.
The Manufacturing Leader of Specialized Industrial Plastic Films Since 1957.

PERMALON® PLY X-210 G

PERMALON®

PRODUCT INFORMATION • SPECIFICATION GUIDE

| PHYSICAL PROPERTIES AND TYPICAL VALUES | PROPERTY | ASTM TEST METHOD | U.S. VALUE | METRIC VALUE |
|--|----------------------|---------------------------------------|-----------------------------|----------------------------|
| | Weight | D-5261 | 117 LB/1000 FT ² | 57.1 KG/100 M ² |
| | Thickness | D-5199 | 48 MIL | 1.2 MM |
| | Load @ Yield | D-882 | 72 LBF | 320 N |
| | Load @ Break | D-882 | 75 LBF | 334 N |
| | | | 1560 PSI | 10.8 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 | 8.0 LBS | 3.6 KG |
| | Puncture Strength | D-4833 | 140 LBS | 623 MPA |
| Permeability | E-96 | .0143 Grain/Hr•Ft ² •in.Hg | | |

FEATURES

- High density, 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.
- Meets ASTM standard D-3083 Soil Burial test performance requirements.

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.

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TOLLFREE 1.800.231.6074

9209 Alameda Genoa Rd. • Houston, Texas 77075

P: 713.507.4251 • F: 713.507.4295

Email: ri@reefindustries.com

