

6 mil Reinforced Poly

Clear String Reinforced Polyethylene Sheeting



PRODUCT

PART NUMBER

6 mil String Reinforced Poly (12'x100')	DS212
6 mil String Reinforced Poly (20'x100').....	DS220

APPLICATIONS

Construction Enclosures
Temporary Liners or Covers
Erosion Control
Shipping and Packaging
Temporary Erosion Control
Asbestos Abatements
Fumigation Covers
Temporary Walls
Remediation Covers
Vapor Barrier

PRODUCT DESCRIPTION

6 mil String Reinforced Poly consist of two sheets of high strength virgin polyethylene film laminated together with a third layer of molten polyethylene. A heavy-duty scrim reinforcement placed between these plies greatly enhances tear-resistance and increases service life. 6 mil String Reinforced Poly's heavy-duty diamond reinforcement responds to tears immediately by surrounding and stopping the tear.

PRODUCT USE

6 mil String Reinforced Poly is used for temporary applications that require a lightweight yet highly tear-resistant film such as building enclosures and abatement applications.
6 mil String Reinforced Poly is used in applications that require good outdoor life and demand high puncture and tear strengths. The two outer layers of 6 mil String Reinforced Poly contain high concentrations of UV inhibitors and thermal stabilizers to assure added outdoor life up to approximately one year.

SIZE & PACKAGING

6 mil String Reinforced Poly stock sizes are 6, 8, 10, 12, 16, 20, 24, 32 and 40 feet wide and 100 feet long.
6 mil String Reinforced Poly is available in a variety of widths and lengths up to 100,000 square foot panels. All panels are accordion folded and tightly rolled on a heavy-duty core for ease of handling and time saving in-stallation. Custom sizes are available.

PROTECTION FROM THE GROUND UP

2067 Wineridge Place, Suite. F
Escondido, CA 92029

DURA SKRIM®

2 & 10 HUV

		6 mil Reinforced Clear	
PROPERTIES	TEST METHOD	IMPERIAL	METRIC
Appearance		Colorless	
Thickness, nominal		6 mil	0.15 mm
Weight		19 lbs/MSF 2.7 oz./yd ²	93 g/m ²
Construction	Extrusion laminated with scrim reinforcement		
1" Tensile Strength	ASTM D7003	45 lbf/in	200 N/cm
Elongation at Film Break	ASTM D7003	400 %	400 %
Grab Tensile	ASTM D7004	60 lbf	267 N
*Trapezoid Tear	ASTM D4533	40 lbf	178 N
Mullen Burst	ASTM D751	45 psi	310 kPa
Maximum Use Temp.		180°F	82°C
Minimum Use Temp.		-70°F	-57°C
WVTR	ASTM E96 Procedure B	0.587 grains/(100in ² ·day)	0.591 g/(m ² ·day)
Perm Rating	ASTM E96 Procedure B	0.086 Perms grains/(ft ² ·hr·in Hg)	0.057 Perms g/(24hr·m ² ·mm Hg)

DS212 & DS220 are a clear four layer reinforced extrusion laminate. The outer layers consist of a clear high-strength polyethylene film. DS212 & DS220 are reinforced with a heavy duty scrim laid in a diagonal pattern spaced 3/8" apart with an additional machine direction scrim every 9" across the width. The individual plies are laminated together with molten polyethylene.



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, express or implied, or merchantability, fitness or otherwise, is made as to product application for a particular use.

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