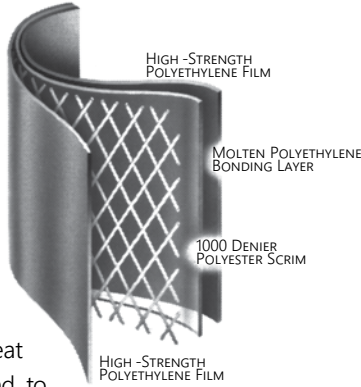




PRODUCT DESCRIPTION

GEO♦SKRIM R20WW

consists of outer layers of white high-strength virgin polyethylene film laminated together with a black layer of molten polyethylene. Both outer layers contain UV inhibitors and thermal stabilizers to assure long outdoor life. The white layers are designed to reduce heat build up and condensation, and to provide excellent dimensional stability.



A layer of polyester scrim reinforcement placed between these plies greatly enhances tear resistance and increases service life. GEO♦SKRIM R20WW heavy-duty diamond reinforcement responds to tears immediately by surrounding and stopping the tear.

PRODUCT USE

GEO♦SKRIM R20WW is used in applications that require exceptional outdoor life and demand high puncture and tear strengths. GEO♦SKRIM R20WW is manufactured from virgin polyethylene and provides an opaque white surface for applications where an aesthetically clean membrane is an important performance characteristic.

SIZE & PACKAGING

GEO♦SKRIM R20WW is available in a variety of widths and lengths. Panel sizes up to 60,000 square feet are available. All panels are accordion folded every six feet and tightly rolled on a heavy-duty core for ease of handling and time-saving installation.



Landfill Cover

PRODUCT

PART

GEO♦SKRIM R20WW R20WWK

APPLICATIONS

- | | |
|---------------------------|------------------------|
| Crawl Space Vapor Barrier | Erosion Control Covers |
| Modular Tank Liners | Vapor Retarders |
| Remediation Liners | Earthen Liners |
| Remediation Covers | |

| PROPERTIES | TEST METHOD | GEO♦SKRIM R20WW | |
|--|-------------------------|---|---|
| | | IMPERIAL | METRIC |
| APPEARANCE | | White/White | |
| THICKNESS, NOMINAL | | 20 mil | 0.51 mm |
| WEIGHT | | 97 lbs/MSF 14 oz./yd ² | 475 g/m ² |
| CONSTRUCTION | | Extrusion laminated with scrim reinforcement | |
| ² 1" TENSILE STRENGTH | ASTM D7003 | 90 lbf/in | 158 N/cm |
| ² TENSILE ELONGATION AT SCRIM BREAK | ASTM D7003 | 16 % | 16 % |
| ² TENSILE ELONGATION AT FILM BREAK | ASTM D7003 | 760 % | 760 % |
| ² GRAB TENSILE | ASTM D7004 | 140 lbf | 623 N |
| CBR PUNCTURE RESISTANCE | ASTM D6241 | 340 lbf | 1512 N |
| ³ TONGUE TEAR | ASTM D5884 | 63 lbf | 280 N |
| ¹ TRAPEZOID TEAR | ASTM D4533 | 85 lbf | 378 N |
| MULLEN BURST | ASTM D751 | 170 psi | 1172 kPa |
| MAXIMUM STATIC USE TEMPERATURE | | 180° F | 82° C |
| MINIMUM STATIC USE TEMPERATURE | | -70° F | -57° C |
| WVTR | ASTM E96 Procedure B | 0.130 grains/(100in ² -day) | 0.132 g/(m ² -day) |
| PERM RATING | ASTM E96 Procedure B | 0.019 Perms grains/(ft ² -hr-in Hg) | 0.013 Perms g/(24hr-m ² -mm Hg) |

¹ Tests are an average of diagonal directions.

² Tests are an average of primary reinforcement directions.

³ Tests are an average of machine and transverse directions.

Hydraulic conductivity values are derived from permeability data. R20WW = 1.77×10^{-10} cm/sec.

GEO♦SKRIM® R20WW is a white four-layer reinforced extrusion laminate. The outer layers consist of high-strength, virgin, linear low density polyethylene film. The white layers contain U.V. and thermal stabilizers.

GEO♦SKRIM R20WW is reinforced with a ply of a 1000 denier polyester scrim laid in a diagonal pattern spaced 3/8" apart with an additional machine direction scrim every 3" across the width. The individual plies are laminated together with black molten polyethylene.

Note: To the best of our knowledge, unless otherwise stated, these are typical property values and are intended as guides only, not as specification limits. Chemical resistance, odor transmission, longevity as well as other performance criteria is not implied or given and actual testing must be performed for applicability in specific applications and/or conditions. GeoCHEM, Inc. MAKES NO WARRANTIES AS TO THE FITNESS FOR A SPECIFIC USE OR MERCHANTABILITY OF PRODUCTS REFERRED TO, no guarantee of satisfactory results from reliance upon contained information or recommendations and disclaims all liability for resulting loss or damage.

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