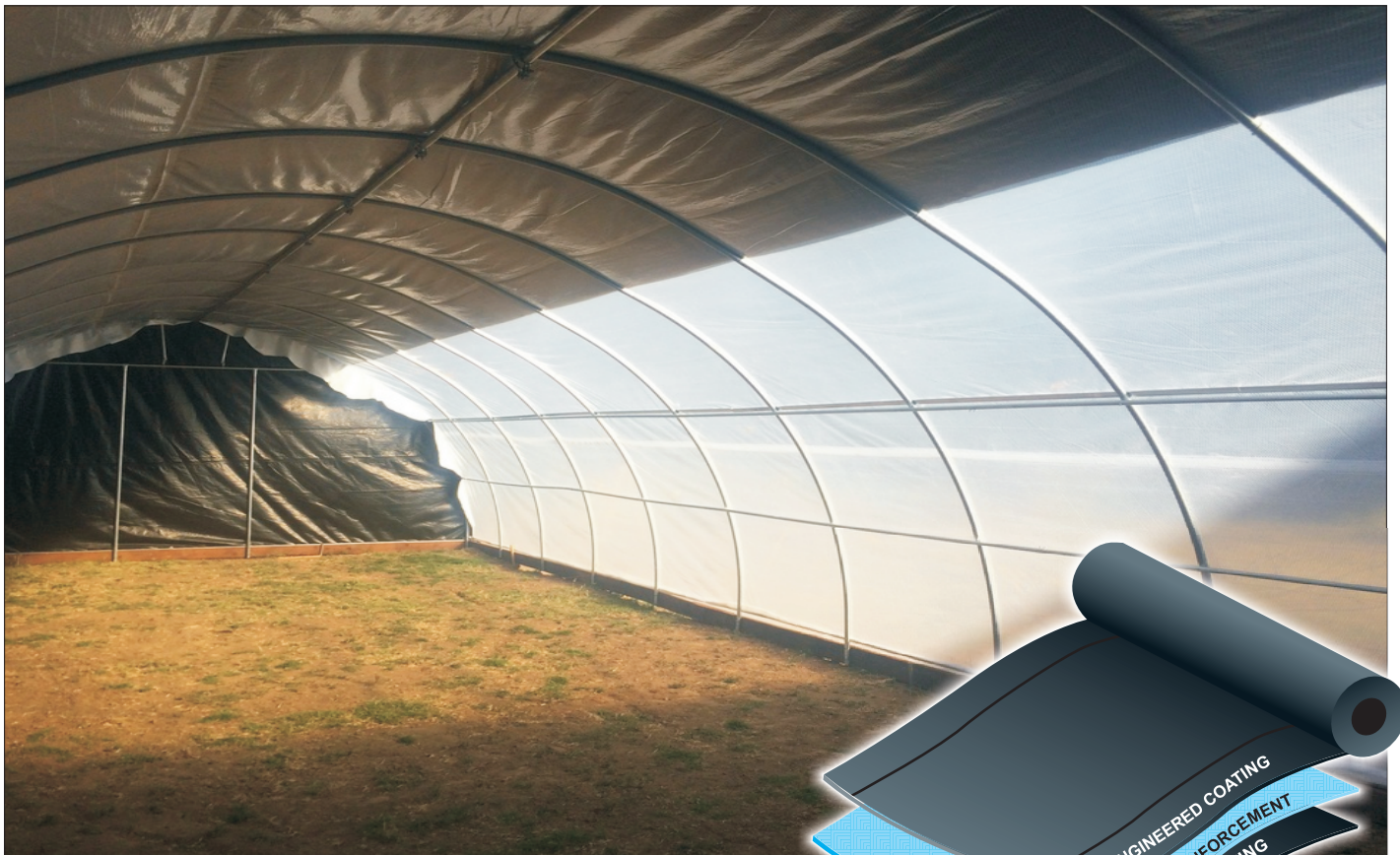


Jalcover 12

5.2 OZ GEOMEMBRANE



Multilayered Geomembrane



PRODUCT DESCRIPTION

A medium weight fabric incorporating a new coating recipe designed to improve toughness and abrasion resistance.

RECOMMENDED APPLICATIONS

Grain Covers, Temporary Landfill Covers, Short-term Liners

PRODUCT DIMENSIONS

Cores 4 inch I.D. or 5 inch I.D. available
Width Up to 144 inches (-0, +0.25) as ordered
Length Minimum 500 yds/roll; up to 1000 yds/roll

PRODUCT SPECIFICATIONS

Weave	Woven black HDPE scrim
Coating	LDPE, 1.75 mil average each side (41.5 g/m ² /side)
Color	Black or colored coatings available
Weight	5.2 oz/yd ² (176g/m ²) ± 5 %

These values are typical data and are not intended as limiting specifications.

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PERFORMANCE PROPERTIES

The following data are typical values based on ASTM standard tests. This data should not be considered specification.

Thickness ASTM D1777	Nominal 12mil (0.30mm) ± 10%
Grab Tensile (N) ASTM D7004	MD 180 lb (800) TD 125 lb (555)
Strip Tensile (N/5cm) ASTM D7003	MD 140 lb/in (1243) TD 100 lb/in (888)
Tongue Tear –large scale (N) ASTM D5884	MD 50 lb/in (222) TD 50 lb/in (222)
Mullen Burst ASTM D751	275 psi (1894 kPa)
MVTR ASTM E96 Proc. BW	0.42 g/m ² • 24hr (0.06perms)
Hydraulic Conductivity (Permeability) Calculated from MVTR	0.88 x 10 ⁻¹² cm/s
Hydrostatic Resistance ASTM D751	130 psi (900 kPa)
Puncture Resistance ASTM D4833	76 lb (338 N)
Dimensional Stability ASTM D1204	MD -3.60% TD -2.42%
Carbon Black Content ASTM D4218	2.79%
Low Temperature Flex ASTM D2136	MD&TD: Pass @ -40°C (-40°F)
Accelerated UV Weathering* ASTM G151 ASTM G154	>90% tensile strength retention after 2,000 hrs exposure @ 0.77 W/m ² /nm, or 1200 hours exposure @ 1.35 W/m ² /nm

MD = Machine Direction. TD = Tensile Direction

* Q.U.V [A-340 Lamps]; 8 hrs UV @ 60°C; 4hrs condensation @ 50°C

These values are typical data and are not intended as limiting specifications.

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