

Jalseal 24

11.5 OZ GEOMEMBRANE



Multilayered Geomembrane



PRODUCT DESCRIPTION

A heavyweight fabric that incorporates a special weave pattern to enhance thickness, flatness, and tear properties. The coating recipe is designed to improve toughness and abrasion resistance.

RECOMMENDED APPLICATIONS

Decorative Ponds, Canal Reservoirs

PRODUCT DIMENSIONS

Cores 4 inch I.D. or 5 inch I.D. available
Width Up to 150 inches (-0, +0.5) as ordered
Length Minimum 250 yds/roll; up to 1000 yds/roll

PRODUCT SPECIFICATIONS

Weave	Woven black HDPE scrim
Coating	LDPE, 3.5mil average each side (83 g/m ² /side)
Color	White, black or other colored coatings available
Weight	11.5 oz/yd ² (392g/m ²) ± 5 %

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

Jalseal 24

11.5 OZ GEOMEMBRANE



Multilayered Geomembrane

PERFORMANCE PROPERTIES

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

Thickness ASTM D1777	Nominal 24mil (0.60mm) ± 10%
Grab Tensile (N) ASTM D7004	MD 350 lb (1554) TD 335 lb (1587)
Strip Tensile (N/5cm) ASTM D7003	MD 245 lb/in (2175) TD 250 lb/in (2220)
Tongue Tear –large scale (N) ASTM D5884	MD 110 lb/in (488) TD 110 lb/in (488)
MVTR ASTM E96 Proc. BW	0.25 g/m! "124hr (0.0.36 perms)
Hydraulic Conductivity (Permeability) Calculated from MVTR	1.40 x 10 ⁻¹² cm/s
Hydrostatic Resistance ASTM D751	425 psi (2927 kPa)
Puncture Resistance ASTM D4833	182 lb (811 N)
Dimensional Stability ASTM D1204	MD -4.7% TD -1.6%
Low Temperature Flex ASTM D2136	MD&TD: Pass @ -65°C (-85°F)
CBR Puncture ASTM D6241	1157 lb (5146 N)
HP-OIT ASTM D5885 (Measured on coating formulation)	3048 minutes
Accelerated UV Weathering ASTM D7238 (20hrs UV @75°C; 4hrs @60°C condensation cycle)	>90% tensile strength retention after 2,000 light hours

MD = Machine Direction. TD = Tensile Direction

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

While we believe them to be reliable, the statements and information herein are only for general guidance and are not warrants or guarantees for accuracy and completeness. The user must, by test or otherwise, determine suitability for this purpose. There is no warranty of fitness for a particular purpose. Our standard term and conditions of sale apply exclusively to all orders, and all liability for damages of any kind, including consequential, exceeding purchase price is excluded. No one is authorized by us to make oral warranties. We reserve the right to make changes without notice or obligation in our products and publications.



Mfgd. by : **GULNAR PLASTICS PVT LTD.**

Factory: Survey No 18/P, Village Kharapada, Silvassa, Dadra & Nagar Haveli, 396230
Tel 0260 3919204 • Fax 022-24970756 • E info@gulnarplastics.com | W : www.gulnarplastics.com