

Titan RCG-24

24 mil WOVEN COATED GEOMEMBRANE



Commonly used for interim landfill covers and short-term liners. Titan RCG-24 is a medium weight fabric incorporating a coating designed to improve toughness and abrasion resistance, and is intended for exposed applications up to 5 years.

PRODUCT SPECIFICATIONS:

Weave: Woven black HDPE scrim
Coating: LLDPE 2.4 mil average each side (57g/m²/side)
Colour: White, black or other colored coatings available
Weight 9.1 oz/yd² (309/m²) ± 5%

PERFORMANCE PROPERTIES:

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

Thickness ASTM D1777	Nominal 24 mil (0.60 mm), ± 10%
Grab Tensile (N) ASTM D7004	MD 294 lb (1350) TD 242 lb (1074)
Strip Tensile (N/5cm) ASTM D7003	MD 240 lb/in (2131) TD 270 lb/in (2398)
Tongue Tear—large scale (N) ASTM D5884	MD 90 lb (400) TD 92 lb (408)
Mullen Burst ASTM D751	530 psi (3652 kPa)
MVTR ASTM E96 Proc. BW	0.34 g/m ² -24hr (0.05 perms)
Hydraulic Conductivity (Permeability) Calculated from MVTR	1.77 x 10 ⁻¹² cm/s
Hydrostatic Resistance ASTM D751	262 psi (1805 kPa)
Puncture Resistance ASTM D4833	150 lb (666 N)
CBR Static Puncture ASTM D6241	993 lb (4409 N)
Dimensional Stability ASTM D1204	MD -3.6% TD -1.0%
Low Temperature Flex ASTM D2136-94	MD & TD: Pass @ -65°F (-85°C)
HP-OIT ASTM D5885 (Measured on coating formulation)	1071 minutes
Accelerated UV Weathering ASTM D7238	>90% tensile strength after 10,000 light hours

MD = Machine Direction. TD = Transverse Direction
 i.Q.U.V [A-340 Lamps]; 20 hrs UV @ 75°C; 4 hrs condensation @ 60°C

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

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