



NovaGrip® 30 14.5 OZ GEOMEMBRANE



NOVA GRIP®

PRODUCT DESCRIPTION

AquaMaster NovaGrip 30 is a highly puncture resistant liner incorporating a textured surface for slip protection and increased interface friction.

RECOMMENDED APPLICATIONS

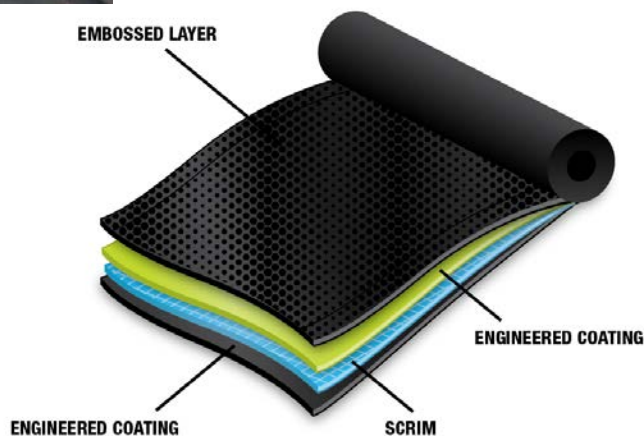
Canal Lining, Well Pads, Containment Liners

PRODUCT DIMENSIONS

Cores 4 inch I.D. or 5 inch I.D. available (10 cm or 13 cm)
Width Up to 150 in (381 cm) (-0, +0.5) as ordered
Length Minimum 250 yds/roll (229 m); up to 500 yds/roll (457 m)

PRODUCT SPECIFICATIONS

Weave Woven black HDPE scrim
Coating LDPE, 2.4 mil average each side (57 g/m²/side)
Color Black
Weight 14.5 oz/yd² (492 g/m²) ± 5 %



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

PERFORMANCE PROPERTIES

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

Thickness ASTM D1777	30 mil (0.68 mm) ± 10% (without texture)
Asperity Height ASTM D7466	>20 mil (>0.5mm)
Grab Tensile (N) ASTM D7004	MD 325 lb (1443) TD 270 lb (1199)
Strip Tensile (N/5cm) ASTM D7003	MD 215 lb/in (1909) TD 180 lb/in (1598)
Tongue Tear—large scale (N) ASTM D5884	MD 65 lb (289) TD 70 lb (311)
Mullen Burst ASTM D751	560 psi (3858 kPa)
MVTR ASTM E96 Proc. BW	0.12 g/m ² · 24hr (0.017 perms)
Hydraulic Conductivity (Permeability) Calculated from MVTR	7.68 x 10 ⁻¹⁵ cm/s
Hydrostatic Resistance ASTM D751	370 psi (2549 kPa)
Puncture Resistance ASTM D4833	150 lb (666 N)
CBR Static Puncture ASTM D6241	985 lb (4373 N)
Carbon Black Content ASTM D4218	3 %
Dimensional Stability ASTM D1204	MD -1.3% TD -0.7%
Low Temperature Flex ASTM D2136	MD & TD: Pass @ -65°C (-85°F)
HP-OIT ASTM D5885 (Measured on coating formulation)	1536 minutes

MD = Machine Direction. TD = Transverse Direction.

Please contact your IPG representative for warranty details.



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