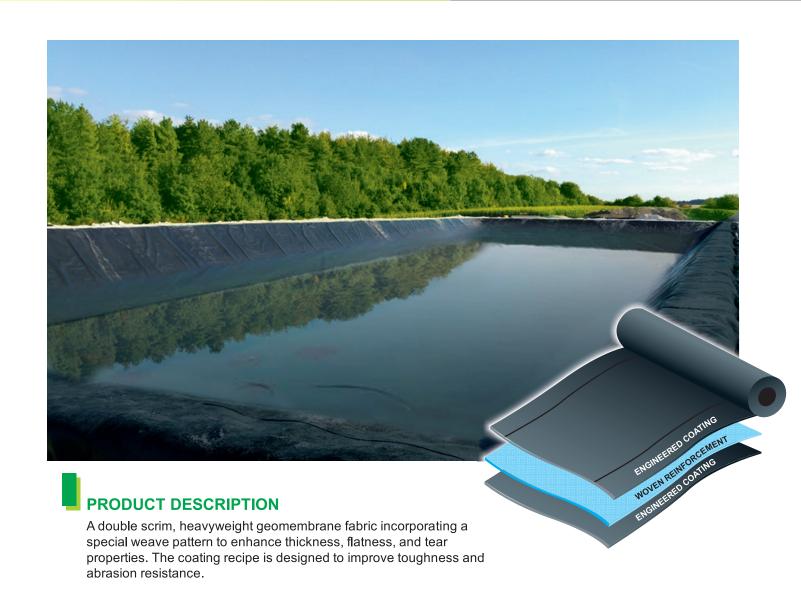
Jalseal 40

18.5 OZ GEOMEMBRANE



Multilayered Geomembrane



RECOMMENDED APPLICATIONS

Mining, Coal/Ash Remediation, Large Reservoirs

PRODUCT DIMENSIONS

Cores 4 inch I.D. or 5 inch I.D. available
Width Up to 144 inches (-0, +2.5) as ordered
Length Minimum 250 yds/roll; up to 500 yds/roll

PRODUCT SPECIFICATIONS

Weave Two woven black HDPE scrims

Coating LDPE, 2.5 mil average each side (60 g/m²/side) **Color** White, black or other colored coatings available

Weight $18.5 \text{ oz/yd}^2 (627 \text{ g/m}^2) \pm 5\%$

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



Jalseal 40

18.5 OZ GEOMEMBRANI



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 40 mil (1.0 mm), ± 10%
Grab Tensile (N) ASTM D7004	MD 680 lb (3019) TD 680 lb (3019)
Strip Tensile (N/5cm) ASTM D7003	MD 460 lb/in (4085) TD 460 lb/in (4085)
Tongue Tear-large scale (N) ASTM D5884	MD 140 lb/in (622) TD 135 lb/in (600)
MVTR ASTM E96 Proc. BW	0.31 g/m² •24hr (0.04 perms)
Hydraulic Conductivity (Permeability) Calculated from MVTR	2.65 x 10 ⁻¹² cm/s
Hydrostatic Resistance ASTM D751	685 psi (4723 kPa)
Puncture Resistance ASTM D4833	350 lb (1556 N)
Dimensional Stability ASTM D1204	MD -3.8% TD -1.8%
Low Temperature Flex ASTM D2136	MD&TD: Pass @ -65°C (-85°F)
Static Puncture ASTM D6241	2356 lb (10478 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. XD = Cross Direction.

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

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