

OrbWeave 40 SFL

With ExoShield

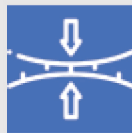
ORB WEAVE



OrbWeave 40SFL is a multi-layer reinforced 18.5oz geomembrane ideal for medium and heavy-duty applications. Our single-film laminate technology provides increased physical properties, making it ideal for both buried and exposed applications. OrbWeave 40SFL is the industry leader in quality and strength. OrbWeave 40SFL incorporates JAG technology with ExoShield providing an extremely chemical and puncture resistant geomembrane with a low density polyethylene film and a high density polyethylene (HDPE) scrim making it easier to weld than your standard membrane



HIGH STRENGTH



HIGH PUNCTURE



UV RESISTANT



RECYCLABLE

Applications:

- Pond Liners (Fish Safe)
- Frac Pads/Ponds
- Soil Remediation
- Drainage canals
- Turf underlayment
- Lagoon Liners
- Spill containment
- And more

Features/Benefits:

- 144" rolls allow it to be factory fabricated to reduce field seaming and installation time.
- Allows for larger fabricated panels. (Panels up to 52,000sf)
- Puncture & abrasion resistant construction
- Woven core provides excellent dimensional stability
- Excellent UV, ozone & oxidation resistance
- Available in white and other colors upon request
- **20 year** exposed or **20 year** buried warranty

GRI-GM30 COMPLIANT



Physical Properties & Testing Data:

OrbWeave 40SFL		
Property	Performance	Value
Thickness	ASTM D1777	40mil
Color (others available)		BLK/BLK
Tensile Strength	ASTM D751	MD 650 lbs TD 630 lbs
Elongation	ASTM D751	20%
Trapezoidal Tear	ASTM D4533	MD 150 lbs TD 130 lbs
Mullen Burst	ASTM D751	1,200 psi
Hydraulic Conductivity	ASTM D4491	No Flow
Hydrostatic Resistance	ASTM D751	740 psi
Index Puncture	ASTM D4833	225 lbs
Weathering	ASTM G154	>90% after 2,000 hrs

MD= Machine Direction; TD= Transverse Direction

These values are typical data and not intended for limiting specifications. We believe them to be reliable and accurate to the best of our ability and are intended for guidelines of performance (+/- 10%)