

# OrbWeave 30 SFL

With ExoShield

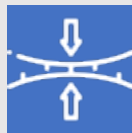
ORB WEAVE



OrbWeave 30SFL is a multi-layer reinforced 17oz 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 30SFL is the industry leader in quality and strength. OrbWeave 30 SFL incorporates JAG technology with ExoShield providing an extremely chemical and puncture resistant geomembrane with a low-density polyethylene film 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 55,000sf)
- 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

## Physical Properties & Testing Data:

| OrbWeave 30SFL           |                      |                         |
|--------------------------|----------------------|-------------------------|
| Property                 | Performance          | Value                   |
| Thickness                | ASTM D1777           | 30mil                   |
| Color (others available) |                      | BLK/BLK                 |
| Tensile Strength         | ASTM D751            | MD 385 lbs   TD 385 lbs |
| Elongation               | ASTM D751            | 20%                     |
| Trapezoidal Tear         | ASTM D4533           | MD 66 lbs   TD 66 lbs   |
| Mullen Burst             | ASTM D751            | 800 psi                 |
| Hydraulic Conductivity   | ASTM D4491           | No Flow                 |
| Hydrostatic Resistance   | ASTM D751            | 600 psi                 |
| Index Puncture           | FTMS101C/Method 2031 | 325 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%)