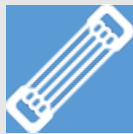
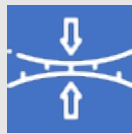




OrbWeave 30NWG is a heavyweight geomembranes are designed to provide a slip resistant surface to allow safer installation, as well as a superior walking surface in wet or oily conditions. OrbWeave 30NWG laminates a 3oz non-woven geotextile on one or both sides of our OrbWeave 30 geomembrane utilizing our JAG technology for the lightweight HDPE woven scrim core offering a highly puncture, tear, and abrasion resistant liner for the toughest conditions.



HIGH STRENGTH



HIGH PUNCTURE



UV RESISTANT



RECYCLABLE

Applications:

Secondary Containment | Well Pads | Mining | Canal Lining | Ponds

Features/Benefits:

- 144" roll widths with welding edge for fabrication
- Short-term exposed or buried applications
- Puncture & abrasion resistant construction
- Woven core provides excellent dimensional stability
- Excellent UV, ozone & oxidation resistance
- Available in white and other colors upon request

Physical Properties & Testing Data:

OrbWeave 30NWG			
		Value	
Property	Performance	Single 3oz.	Double 3oz.
Nominal Thickness	ASTM D1777	27mil (0.66mm)	30mil (0.72mm)
Weight (oz/yd ²)	ASTM D5261	13.9oz/yd ² (471g/m ²)	18oz/yd ² (610 g/m ²)
Grab Tensile	ASTM D7004	MD 300lbs CD 250lbs	MD 500lbs CD 350lbs
Strip Tensile	ASTM D4533	MD 220 lb/in CD 185 lb/in	MD 250 lb/in CD 200 lb/in
Puncture Resistance	ASTM D4833	135 lbs	275 lbs
Low Temperature Flexibility	ASTM D2136	-40°F	-40°F
Mullen Burst (psi)	ASTM D751	530 psi	650 psi
Hydrostatic Resistance	ASTM D751	400 psi	400 psi
Weathering	ASTM G154	>90% after 2,000 hrs	

MD= Machine Direction; CD= Cross 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%)