



GeoSource Fabrics

Product Data Sheet GSFW-315

GSFW-315 is manufactured using high tenacity polypropylene yarns that are woven to form a dimensionally stable network, which allows the yarns to maintain their relative position. **GSFW-315** resists ultraviolet deterioration, rotting and biological degradation and is inert to commonly encountered soil chemicals.

Property	Test Method	MARV English	MARV Metric
Tensile Strength (grab tensile)	ASTM-4632	315 lbs	1400 N
Elongation	ASTM-4632	15%	15%
Puncture	ASTM-4833	150 lbs	667 N
Mullen Burst	ASTM-3786	600 psi	4134 kPa
Trapezoidal Tear	ASTM-4533	120 lbs	533 N
UV Resistance (at 500 hours)	ASTM-4355	70%	70%
Apparent Opening Size (AOS)	ASTM-4751	40 US Std. Sieve	.425 mm
Permittivity	ASTM-4491	.05 sec-1	.05 sec-1
Water Flow Rate	ASTM-4491	4 gpm/ft ²	163 l/min/m ²

Property	Test Method	English	Metric
Weight	ASTM D 5261	6.0 oz.	203 g/m ²
Thickness	ASTM D 5199	25 mils	.6 mm
Roll Dimensions (width x length)	na	*12.5' x 360'	3.81m x 110 m
Roll Area	na	500 sq. yds.	418 m ²
Estimated Roll Weight	na	240 lbs	109 kg

* Alternate widths include 15' and 17.5'. Ask your local representative for availability in your area.

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