



Construction Geosynthetics

US 100NW-HVO Warning Barrier

US 100NW-HVO is a nonwoven, needle-punched, ORANGE warning barrier / contamination barrier geotextile. US 100NW-HVO resists ultraviolet and biological deterioration, rotting, naturally encountered basics and acids. Polypropylene is stable within a pH range of 2 to 13. US 100NW-HVO meets the following typical values:

Property	Test Method	English	Metric
Weight	ASTM D-5261	3.80 oz/y ²	129 g/m ²
Tensile Strength	ASTM D-4632	100 lbs	445 N
Elongation @ Break	ASTM D-4632	75%	75%
Thickness ⁽¹⁾	ASTM D-5199	35 mils	0.90 mm
CBR Puncture	ASTM D-6241	310 lbs	1,380 N
Trapezoidal Tear	ASTM D-4533	50 lbs	223 N
Permittivity ⁽¹⁾	ASTM D-4491	2.40 Sec ⁻¹	2.40 Sec ⁻¹
Water Flow Rate ⁽¹⁾	ASTM D-4491	175 g/min/f ²	7,130 l/min/m ²
UV Resistance @ 500 Hours	ASTM D-4355	70%	70%

Roll Size	Roll Diameter	Area	Weight
15' x 360'	13.0 in	600 sqy	157 lbs

⁽¹⁾ At the time of manufacturing. Handling, storage, and shipping may change these properties.