

MIRAFI 140NLO

MIRAFI® 140NLO is a needlepunched nonwoven geotextile composed of polypropylene fibers, which are formed into a stable network such that the fibers retain their relative position. MIRAFI 140NLO is inert to biological degradation and resists naturally encountered chemicals, alkalis, and acids.

TenCate Geosynthetics Americas (A Solmax Company) is accredited by Geosynthetic Accreditation Institute – Laboratory Accreditation Program (GAI-LAP).

MIRAFI 140NLO meets Build America, Buy America Act, Pub. L. No. 117-58, div. G §§ 70901-52.

MECHANICAL PROPERTIES	TEST METHOD	UNIT	TYPICAL VALUE[1]	
			MD	CD
Grab Tensile Strength	ASTM D4632	lbs (N)	105 (467)	100 (445)
Grab Tensile Elongation	ASTM D4632	%	70	90
Trapezoid Tear Strength	ASTM D4533	lbs (N)	45 (200)	45 (200)
CBR Puncture Strength	ASTM D6241	lbs (N)	270 (1201)	
Permittivity	ASTM D4491	sec^{-1}	2.55	
Flow Rate	ASTM D4491	gal/min/ft² (l/min/m²)	188 (7660)	
UV Resistance (at 500 hours)	ASTM D4355	% strength retained	70	

PHYSICAL PROPERTIES	UNIT	ROLL SIZE
Roll Dimensions (width x length)	ft (m)	15 x 360 (4.5 x 110)
Roll Area	yd^2 (m^2)	600 (502)
Roll Weight	lbs (kg)	147 (67)

This product is produced in continuous roll sizes. There are NO seams in this product.

“DO NOT DIG” printed on product.

MIRAFI 140NLO orange polypropylene nonwoven is not manufactured with any heavy metals contents. The regulated metals – lead, mercury, cadmium, and hexavalent chromium are not intentionally added to any component in this product during the manufacturing process.

[1]ASTM D4439 Standard Terminology for Geosynthetics: typical value, *n—for geosynthetics,* the mean value calculated from documented manufacturing quality control test results for a defined population obtained from one test method associated with on specific property.

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Solmax is not a design or engineering professional and has not performed any such design services to determine if Solmax’s goods comply with any project plans or specifications, or with the application or use of Solmax’s goods to any particular system, project, purpose, installation, or specification.

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