



400R Geotextile Specification Sheet

400R is a needle-punched nonwoven geotextile made of 100% polypropylene staple fibers. 400R resists ultraviolet deterioration, rotting, biological degradation, naturally encountered bases and acids. Polypropylene is stable within a pH range of 2 to 13.

PROPERTY	TEST METHOD	UNIT	M.A.R.V. (Minimum Average Roll Value)
Weight (Typical)	ASTM D5261	g/m ²	237
Tensile Strength	ASTM D4632	N	800
Grab Elongation	ASTM D4632	%	50
Tear Resistance	ASTM D4533	N	333
CBR Puncture ¹	ASTM D6241	N	2110
Permittivity	ASTM D4491	sec ⁻¹	1.4
Water Flow Rate	ASTM D4491	l/min/m ²	4074
Apparent Opening Size	ASTM D4751	mm	0.212
UV Stability	ASTM D4355	% @ 500h	70

1. Burst strength (Mullen ASTM D3786) and Puncture (ASTM D4833) are both replaced by CBR Puncture (ASTM D6241)
*All values are MARV except where specified.