

## Wire Back Supported NTPEP

Supported NTPEP is a woven geotextile made up of polypropylene filaments. These filaments are woven to form a stable and durable network such that the filaments retain their relative position. It is non-biodegradable and resistant to most soil chemicals, acids, and alkali with a pH range of 3 to 12. Supported NTPEP is manufactured to meet or exceed the following minimum average roll values:

PROPERTY	TEST METHOD	ENGLISH	METRIC
Fabric			
Grab Tensile	ASTM D4632	100 x 100 lbs	0.445 x 0.445 kN
Elongation	ASTM D4632	15 x 20 %	15 x 20 %
Mullen Burst	ASTM D3786	250 psi	1723 kPa
Puncture	ASTM D4833	50 lbs	0.223 kN
Trap Tear	ASTM D4533	50 lbs	0.223 kN
UV Resistance	ASTM D4355	80 % @ 500 hrs	80 % @ 500 hrs
AOS <sup>1</sup>	ASTM D4751	20 - 50 US Std. Sleeve	0.300 - 0.850 mm
Permittivity	ASTM D4491	0.10 sec <sup>-1</sup>	0.10 sec <sup>-1</sup>
Flow Rate	ASTM D4491	8 gpm/ft <sup>2</sup>	325.6 Lpm/m <sup>2</sup>

<sup>1</sup> Maximum Average Roll Value

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