

Penteco NT04-E 4oz Geotextile Environmental Grade

- ❖ **Drainage**
- ❖ **Separation**
- ❖ **Erosion Control**
- ❖ **Reinforcement**
- ❖ **Stabilization**
- ❖ **Protection**

The Environmental grade series is best suited for environmental applications with primary functions requiring reinforcement, stabilization, and protection. The applications can vary from landfill applications to slopes, dykes, and temporary embankment protection, etc.

Nonwoven geotextiles are made from needle punched polypropylene fibers. Manufacturers use their weight class to distinguish between the various production series. The synthetic fibers are needed punched together to create an interlocking grid with dimensional stability properties.

NT04-E		Minimum Average Roll Values	
Property	Test Method	Imperial	Metric
Physical			
Mass/ Unit Area	ASTM D-5261	4 oz/yd ²	136 g/m ²
Mechanical			
Grab Tensile	ASTM D-4632	120 lbs	534 N
Elongation	ASTM D-4632	50%	50%
CBR Puncture	ASTM D-6241	335 lbs	1.5 KN
Trapezoidal Tear	ASTM D-4533	50 lbs	223 N
UV Resistance	ASTM D-4533	70%	70%
Hydraulic			
Apparent Opening Size	ASTM D-4751	70 US Sieve	0.212 mm
Permittivity	ASTM D-4491	1.7 sec ⁻¹	1.7 sec ⁻¹
Permeability	ASTM D-4491	0.21 cm/sec	0.21 cm/sec
Water Flow Rate	ASTM D-4491	135 g/min/ft ²	5500 l/min/m ²
Dimensions			
Typical Roll Size	Measured	15ft x 300ft	4.57m x 91.5m
Area		4500 ft ²	418 m ²

DISCLAIMER: It is the user's responsibility to determine the suitability of the products. The data above represents the manufacturer's laboratory testing of their product, and is considered to be accurate. Penteco is a distributor for these products through its manufacturing partners. Penteco will provide the actual manufacturers data sheet at the time of sale. There may be very slight variation, but overall, the data represents standard industry specifications. Penteco and manufacturing partners assume no liability, nor can they provide any warranty, without having additional information regarding the use of the products. The same goes for any infringement on patents - nothing herein can be construed as permission.

Distributed by

