

Penteco SFW180

Woven Geotextile

Slit Tape

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

Slit tape woven geotextiles comprise woven flat tapes, cut/ slit from a polypropylene sheet. These films are not extruded and prestressed, and consequently have lower strength properties than the monofilament geotextiles.

Owing to close overlapping and weaving of slit films/ tapes, in comparison to rounded threads/ strands (as in woven geotextile), these geotextiles are typically suitable for applications where drainage and filtration and clogging of the geotextile pores are less of a concern. They provide a relatively economic alternative (to the monofilament woven geotextiles) for stabilization and separation applications.

SFW180		Minimum Average Roll Values	
Property	Test Method	Imperial	Metric
Material			
Woven Polypropylene (PP)	-	-	-
Mechanical			
Grab Tensile Strength	ASTM D-4632	180 lbs	0.8 kN
Grab Elongation	ASTM D-4632	15%	15%
CBR Puncture Resistance	ASTM D-6241	600 lbs	2.67 kN
Trapezoidal Tear	ASTM D-4533	70 lbs	0.310 kN
UV Resistance	ASTM D-4355	70% / 500 hours	70% / 500 hours
Hydraulic			
Apparent Opening Size	ASTM D-4751	20 US Sieve	0.841 mm
Permittivity	ASTM D-4491	0.05 sec ⁻¹	0.05 sec ⁻¹
Water Flow	ASTM D-4491	4 g/min/ft ²	163 l/min/m ²
Dimensions			
Typical Roll Size	Measured	12.5 ft x 432 ft 15 ft x 360 ft 17.5 ft x 309 ft	3.81m x 132m 4.57m x 110m 5.33m x 94m
Area		5400 ft ²	502 m ²

Notes:

- (1) All roll widths/lengths have a tolerance of ±1 %.
- (2) Custom roll lengths can be ordered. Transportation cost might be affected.
- (3) Penteco is a distributor for this product. Manufacturing partners are based out of Canada & USA.
- (4) Manufacturer's data sheet provided at time of bid/purchase includes adjusted widths/lengths.

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