

### Penteco SFW270

### 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

SFW270		Minimum Average Roll Values	
Property	Test Method	Imperial	Metric
<b>Material</b>			
Woven Polypropylene (PP)	-	-	-
<b>Mechanical</b>			
Grab Tensile Strength	ASTM D-4632	270 lbs	1.20 kN
Grab Elongation	ASTM D-4632	15%	15%
CBR Puncture Resistance	ASTM D-6241	1000 lbs	4.45 kN
Trapezoidal Tear	ASTM D-4533	100 lbs	0.444 kN
UV Resistance	ASTM D-4355	70% / 500 hours	70% / 500 hours
<b>Hydraulic</b>			
Apparent Opening Size	ASTM D-4751	40 US Sieve	0.43 mm
Permittivity	ASTM D-4491	0.05 sec <sup>-1</sup>	0.05 sec <sup>-1</sup>
Water Flow	ASTM D-4491	4 g/min/ft <sup>2</sup>	163 l/min/m <sup>2</sup>
<b>Dimensions</b>			
Typical Roll Size	Measured	12.5 ft x 360 ft 17.5 ft x 258 ft	3.81m x 110m 5.33m x 79m
Area		4500 ft <sup>2</sup>	420 m <sup>2</sup>

**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.

**DISCLAIMER:** The data above represents the manufacturer's laboratory testing of their product. It is the user's responsibility to determine the suitability of the products. Penteco is a distributor for these products through its manufacturing partners. Penteco will provide the 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 - no permission can be granted without further disclosure.

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