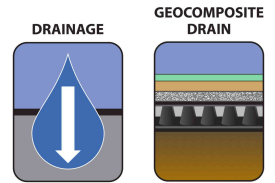




# AWD SITEDRAIN DS96

## Prefabricated Drainage Composite



**Core Type:** Perforated, Dimpled Polymeric

**Core Compressive Strength:** Moderate  
- 9,000 psf

**Fabric Type:** Needle-punched nonwoven  
- Double Sided  
- AASHTO Class 2

**Flow Rate:** Moderate  
- Core: 12 g/min/f<sup>2</sup>  
- Fabric: 110 g/min/f<sup>2</sup>

PROPERTY	TEST METHOD	ENGLISH	METRIC
Grab Tensile Strength <span>Geotextile</span>	<u>ASTM D-4632</u>	160 lbs	711 N
CBR Puncture <span>Geotextile</span>	<u>ASTM D-6241</u>	410 lbs	1,825 N
Trapezoidal Tear <span>Geotextile</span>	<u>ASTM D-4533</u>	60 lbs	267 N
Apparent Opening Size <span>Geotextile</span>	<u>ASTM D-4751</u>	70 US Sieve	0.21 mm
Permittivity <span>Geotextile</span>	<u>ASTM D-4491</u>	1.5 Sec <sup>-1</sup>	1.5 Sec <sup>-1</sup>
Water Flow Rate <span>Geotextile</span>	<u>ASTM D-4491</u>	110 g/min/f <sup>2</sup>	4,481 L/min/m <sup>2</sup>
UV Resistance @ 500 hours <span>Geotextile</span>	<u>ASTM D-4355</u>	70 %	70 %
Thickness <span>Core</span>	<u>ASTM D-1599</u>	0.25 inches	6.35 mm
Water Flow Rate <span>Core</span>	<u>ASTM D-4716</u>	12 g/min/ft	149 l/min/m
Compressive Strength <span>Core</span>	<u>ASTM D-1621</u>	9,000 p/f <sup>2</sup>	431 kPa

<sup>(1)</sup> Maximum average roll value (MaxARV).

<sup>(2)</sup> In-plane flow rate measured at 360 psf compressive load and a hydraulic gradient of 1.0.

## AWD SITEDRAIN DS96 Shipping & Packaging Information

SIZE	DIAMETER	WIDTH	WEIGHT	AREA	ROLLS PER TRAILER
4' x 50'	17"	4'	35 lbs	200 f <sup>2</sup>	468

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