

## ADS FILTER SOCK SPECIFICATION

### Scope

This specification describes 2- through 24-inch (50- to 600 mm) ADS SOCK synthetic wrap, as manufactured by Zodiac Fabrics, Inc., for drainage pipe.

### Filter Fabric Requirements

The ADS SOCK shall meet the requirements of ASTM D6707.

### Filter Fabric Properties

Property	Test Method	
Material	-	Polyester
Fabric	-	Knitted
Permittivity (min.)	ASTM D4491	5.5 sec <sup>-1</sup>
Puncture Resistance (min.)	ASTM D6241	1000 N
AOS (max.)	ASTM D4751	0.600 mm 30 U.S. Sieve
FOS (max.)	CAN/CGSB-148.1, M10-94	450 microns
Mass (relaxed)	ASTM D3887	3.0-3.9 oz/yd <sup>2</sup>
Mass (applied minimum)		2.7-3.5 oz/yd <sup>2</sup>
Thickness (min.)	ASTM D4491	24.0 mils
Permeability (K) (min.)	ASTM D4491	0.390 cm/sec
Burst Strength (min.)	ASTM D3887	830 kpa
Air Permeability (min.)	ASTM D737	700 ft <sup>3</sup> /ft <sup>2</sup> /min
Water Flow Rate (min.)	ASTM D4491 (2" constant head)	300 gal/min/ft <sup>2</sup>
Yarn Denier	-	150
Specific Gravity	-	1.3
Melt Temperature	-	450° F