

ADS FILTER SOCK SPECIFICATION

Scope

This specification describes 2- through 24-inch (50- to 600 mm) ADS SOCK synthetic wrap.

Filter Fabric Requirements

- The ADS SOCK shall meet the requirements of ASTM D6707.
- ADS sock products as listed on this specification meet Ontario Provincial Standard Specification 1860, Material Specifications for Geotextiles, dated March 1998.

Filter Fabric Properties

Property	Test Method	
Material	-	Polyester
Fabric	-	Knitted
Permitivity (min.)	ASTM D4491	5.5 sec ⁻¹
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 ²
Mass (applied minimum)		2.7-3.5 oz/yd ²
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 ³ /ft ² /min
Water Flow Rate (min.)	ASTM D4491 (2" constant head)	300 gal/min/ft ²
Yarn Denier	-	150
Specific Gravity	-	1.3
Melt Temperature	-	450° F