



ULTRATECH
INTERNATIONAL, INC.

Ultra-Pipe Sock Specification

Product: Ultra-Pipe Sock

Manufacturer:

UltraTech International, Inc.
11542 Davis Creek Court
Jacksonville, FL 32256 USA

Email: info@stormwaterproducts.com
www.stormwaterproducts.com



1.0 Description of Work

1.1 This work shall consist of furnishing, installing, maintaining, and removing Ultra-Pipe Sock sediment/pollutant control device as directed by the engineer or as shown on the site drawings.

2.0 Ultra-Pipe Sock Materials

2.1 Ultra-Pipe Sock shall be manufactured from a specially designed, 100% recycled, lipophilic geotextile and sewn by a double needle machine, using a high strength nylon thread.

2.2 Ultra-Pipe Sock shall be manufactured with two straps attached to secure to pipe/hose.

Specifications for Ultra-Pipe Sock

Property	Test Method	Units	Test Results
Grab Tensile MD	ASTM D4632	lbs	118
Grab Tensile TD	ASTM D4632	lbs	89
Elongation at Peak MD	ASTM D4632	%	131
Elongation at Peak TD	ASTM D4632	%	172
Wide Width Tensile MD	ASTM D4595	lbs/in	33
Wide Width Tensile TD	ASTM D4595	lbs/in	23
Elongation at Break MD	ASTM D4595	%	110
Elongation at Break TD	ASTM D4595	%	156
Puncture Resistance	ASTM D4833	lbs	72
Trapezoid Tear Strength MD	ASTM D4533	lbs	64
Trapezoid Tear Strength TD	ASTM D4533	lbs	45
Permittivity (Constant Head)	ASTM D4491	sec ⁻¹	2.02
Flow Rate	ASTM D4491	gal/ft ² /min	151
Apparent Opening Size	ASTM D4751	U.S. Sieve	140/150

3.0 Construction Sequence

3.1 To install Ultra-Pipe Sock, slide onto pipe or hose and tie off using attached straps.

3.2 If preferred, a hose clamp can be used.

3.3 To empty Ultra-Pipe Sock, remove from pipe or hose. If unit is to be reused, empty contents, clean out and rinse. Allow to air dry if not immediately returning to service.

3.5 Ultra-Pipe Sock is reusable. Once the construction cycle is complete, remove and clean. Ultra-Pipe Sock should be stored out of sunlight until the next use.

4.0 Basis of Payment

4.1 Payment for all Ultra-Pipe Sock units used during construction is to be included in the bid price for the overall erosion and sediment control plan unless unit price is requested.

Note: This information is provided as reference only and is not intended as a warranty or guarantee. UltraTech International, Inc. assumes no liability in connection with the use of this information (8/1/24).