



ULTRATECH
INTERNATIONAL, INC.

Ultra-Filter Socks® Specifications

Material Specifications

Property	Test Method	Woven (Typical:)
Fabric Weight	ASTM D-5261	3.74 oz./sq./yd.
Grab Tensile (MD/TD)	ASTM D-4632	184/160 lbs.
Trapezoid Tear (MD/TD)	ASTM D-4533	99/67 lbs.
Puncture	ASTM D-6241	558 lbs.
Seam Strength	ASTM D4884	358(ppi)
Apparent Opening Size	ASTM D-4751	30 US Sieve (0.425mm).
Permittivity	ASTM D-4491	2.7 sec ⁻¹
Permeability	ASTM D-4491	0.14 cm/sec
UV Resistance (500hrs)	ASTM D-4355	>80%
Material		High Density Polyethylene (HDPE)

Media Specifications

Media Type	Capacity Information*
Activated Carbon	• Each Filter Sock is filled with granular activated carbon. This media is an excellent polishing filter, due to its immense surface area and the wide range of components it is capable of absorbing. Helps with removing odors. • Dry Filter Sock Weight of approximately 36 lbs
Heavy Metal Removal Media	• Each Filter Sock can remove up to 1145 grams of heavy metals • Removal rates up to 50% per Filter Sock • See Heavy Metal Removal Data Sheet for more information • Dry Filter Sock Weight is approximately 32.5 lbs
Sorb 44	• Each Filter Sock can absorb up to 5.33 gallons (20 liters) of hydrocarbon • Dry Filter Sock Weight is approximately 9 lbs
PhosFilter	• Each Filter Sock can remove up to 26 lbs of phosphorus with up to 95% efficiency • Dry Filter Sock Weight is approximately 50 lbs
Sediment Removal Media	• Recycled rubber material keeps unit in place and allows for maximum water flow • Dry Filter Sock Weight is approximately 40 lbs

* Note – All information is based on a standard 9-foot long Ultra-Filter Sock