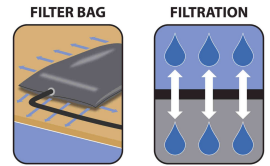




# US Filter Bags

## Filter Bag



US Filter Bags are designed to collect silt and sediment from pumped water and are ideal for construction site dewatering applications. To begin dewatering, simply insert the discharge hose into the pre-fabricated sleeve and secure the connection with a clamp, tie or tape. US Filter Bags are made from a nonwoven, needlepunched, polypropylene geotextile that meets the following M.A.R.V. values except where noted:



PROPERTY	TEST METHOD	ENGLISH	METRIC
Weight <small>Typical</small>	<u>ASTM D-5261</u>	8 oz/y <sup>2</sup>	271.2 g/m <sup>2</sup>
Grab Tensile Strength	<u>ASTM D-4632</u>	205 lbs	912 N
Elongation @ Break	<u>ASTM D-4632</u>	50 %	50 %
Mullen Burst <sup>(3)</sup>	<u>ASTM D-3786</u>	350 psi	2,413 kPa
Pin Puncture <sup>(3)</sup>	<u>ASTM D-4833</u>	120 lbs	534 N
CBR Puncture	<u>ASTM D-6241</u>	535 lbs	2,381 N
Trapezoidal Tear	<u>ASTM D-4533</u>	85 lbs	378 N
Apparent Opening Size <sup>(1,2)</sup>	<u>ASTM D-4751</u>	80 US Sieve	0.177 mm
Permittivity <sup>(1)</sup>	<u>ASTM D-4491</u>	1.4 Sec <sup>-1</sup>	1.4 Sec <sup>-1</sup>
Permittivity <sup>(1)</sup>	<u>ASTM D-4491</u>	1.4 Sec <sup>-1</sup>	1.4 Sec <sup>-1</sup>
Water Flow Rate <sup>(1)</sup>	<u>ASTM D-4491</u>	95 g/min/f <sup>2</sup>	3,870 L/min/m <sup>2</sup>
UV Resistance @ 500 Hours	<u>ASTM D-4355</u>	70 %	70 %

<sup>(1)</sup> At the time of manufacturing. Handling, storage, and shipping may change these properties.

<sup>(2)</sup> Maximum average roll value (MaxARV).

<sup>(3)</sup> Historical reference values. These properties are no longer recognized by ASTM or AASHTO for geosynthetics.

## US Filter Bags Shipping & Packaging Information

SIZE	WIDTH	WEIGHT	AREA	ROLLS PER TRAILER
15' x 10'	15'	25 lbs	150 f <sup>2</sup>	260
15' x 15'	15'	30 lbs	225 f <sup>2</sup>	260

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