



IVI Silt Filtration Bags - Woven Monofilament

Stock sizes: 6' x 15' 12' x 15' 15' x 15'
Custom sizes and dimensions are available upon request

Use Indian Valley Industries Silt Filtration Bags whenever water must be pumped and filtered, such as dewatering lakes and ponds, dewatering construction sites and dewatering excavations. IVI Silt Filtration Bags feature high strength double stitched "J" type seams with a maximum strength design for hose attachment (can accommodate up to a 6" discharge hose depending on the size of the bag).

A high quality woven monofilament geotextile of 100% polypropylene stable fibers designed for the heavy construction industry because of its flow rates and durable qualities. It meets or exceeds the following physical properties.

PRODUCT TEST DATA		
Physical Property	Test Method	Data (metric)
Grab Tensile Strength	ASTM D-4632	365 x 200 lbs (1.62 x 0.89 kN)
Grab Tensile Elongation	ASTM D-4632	15%
Wide Width Tensile Strength	ASTM D-4595	200 x 140 lbs/in 2400 x 1680 lbs/ft (35.03 x 24.52 kN/m)
Mullen Burst Strength	ASTM D-3786	450 psi (3100 kPa)
Trapezoid Tear Strength	ASTM D-4533	115 x 75 lbs (0.51 x 0.33 kN)
Puncture Strength	ASTM D-4833	90 lbs (0.40 kN)
CBR Puncture	ASTM D-6241	675 lbs (3.00 kN)
UV Resistance	ASTM D-4355	90% @ 500 hrs
Permittivity	ASTM D-4491	2.1 sec ⁻¹
Water Flow Rate	ASTM D-4491	145 gpm/ft ² (5907 lpm/m ²)
Percent Open Area	CW-02215	11-15%
Apparent Opening Size	ASTM D-4751	30-40 US Sieve (0.600-0.425mm)
<ul style="list-style-type: none"> Unless otherwise stated, all values stated here are Minimum Average Roll Values (MARV), are calculated as the Typical minus two standard deviations and are based on a 97.7% confidence level. The properties reported above are effective 08/01/10 and are subject to change without notice. 		

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