



IVI Silt Filtration Bags - Nonwoven

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 needle-punched non-woven geotextile of 100% polypropylene stable fibers. This fabric resists ultraviolet deterioration, rotting and biological degradation and is inert to commonly encountered soil chemicals. It meets or exceeds the following physical properties.

PRODUCT TEST DATA			
Physical Property	Test Method	MARV	MARV
Weight	ASTM D-5261	8.0 oz/yd ² (271 g/m ²)	10.0 oz/yd ² (339 g/m ²)
Thickness	ASTM D-5199		110 mils (2.79mm)
Grab Tensile Strength	ASTM D-4632	205 lbs (910 N)	270 lbs (1202 N)
Grab Elongation	ASTM D-4632	50%	
Trapezoidal Tear	ASTM D-4533	85 lbs (378 N)	100 lbs (444 N)
Puncture Resistance	ASTM D-4833	130 lbs (578 N)	165 lbs (733 N)
Mullen Burst	ASTM D-3786	400 psi (2756 kPa)	525 psi (3617 kPa)
UV Resistance (@ 500 hrs)	ASTM D-4355	70%	
Permittivity	ASTM D-4491	1.4 sec ⁻¹	0.94 sec ⁻¹
Permeability	ASTM D-4491	.3 cm/sec	
Water Flow	ASTM D-4491	90 gpm/ft ² (3657 l/m/m ²)	75 gpm/ft ² (3055 l/m/m ²)
Apparent Opening Size (AOS)*	ASTM D-4751	80 U.S. Sieve (0.18 mm)	100 U.S. Sieve (0.15 mm)

*Maximum average roll value.

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