Indian Valley Industries, Inc.

Technical Data Sheet

IVI Non-Woven Silt Filtration Bags

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**	**Typical Value**	**Typical Value**
Weight	ASTM D-3776	8.0 oz sq yd	10.0 oz sq yd
Grab Tensile	ASTM D-4632	205 lbs	250 lbs
Grab Elongation	ASTM D-4632	50%	50%
Mullen Burst	ASTM D-3786	400 psi	500 psi
Puncture	ASTM D-4833	130 lbs	160 lbs
Trapezoidal Tear	ASTM D-4533	85 lbs	100 lbs
Apparent Opening Size	ASTM D-4751	80 US Sieve	80 US Sieve
Permittivity	ASTM D-4491	1.4 sec -1	1.2 sec -1
Water Flow	ASTM D-4491	90 gal/min per sq ft	80 gal/min per sq ft
UV Resistance (@ 500 hrs)	ASTM D-4355	70%	70%
Test results represent Minimum Average Roll Values (MARV) with the exception of weight which is a typical result.			

Use Indian Valley Industries Silt Filtration Bags whenever water must be pumped and filtered. The bags accommodate up to a 6" discharge hose depending on the size of the bag. It is the Best Management Practice (BMP) to use for dewatering.

APPLICATIONS:
Dewatering lakes and ponds
Dewatering construction sites and excavations

IVI FILTER BAG FEATURES:
High strength double stitched "J" type seams.
Maximum strength design for hose attachment
Custom manufacturing to customer specifications available

INSTALLATION:
Install IVI Filter Bag as level as possible on an aggregate or hay bed to maximize water flow through the entire surface area of the bag. Monitor the bag during the pumping process to prevent overfilling.

The IVI Filter Bag is full when it no longer can efficiently filter sediment or allow water to pass through it at a reasonable rate. Flow rates will vary depending on the size of the bag, the type and amount of sediment discharged into the filter bag, the type of ground, rock, or other substance under the bag. Excessive flow rate or overfilling the IVI Filter Bag with sediment will cause the bag to rupture.

DISPOSAL: As required by inspector at site.

P.O. Box 810 Johnson City, NY 13790
Phone: (607) 729-5111 (800) 659-5111 Fax: (607) 729-5158
www.iviindustries.com