

Indian Valley Industries, Inc.

Technical Data Sheet

IVI Sediment Control Snake Bags 11" x 48" and 11" x 72"

IVI Snake Bags are an inlet protection device that is an effective BMP for NPDES Regulations. Preventing silt and debris from washing into storm drains on construction sites, IVI Snake Bags are constructed with strong woven seams and are a reusable, economical choice. Custom sizes are available.

The fabric is composed of high-tenacity monofilament polypropylene yarns, which are woven into a stable network such that the yarns retain their relative position. It is inert to biological degradation and resists naturally encountered chemicals, alkalis, and acids.

Physical Property	Test Method	Typical Value
Mass/Unit Area	ASTM D-5261	5.6 oz sq yd (190 g sq m)
Thickness	ASTM D-5199	28 mils (0.71mm)
Mechanical Property		
Wide Width Tensile (MD/CD)	ASTM D-4595	2400/1680 lbs (35/24 kN/m)
Grab Tensile Strength (MD/CD)	ASTM D-4632	365/200 lbs (1.62/0.89 kN)
Grab Tensile Elongation (MD/CD)	ASTM D-4632	24% / 10%
Trapezoid Tear Strength (MD/CD)	ASTM D-4533	115/75 lbs (0.51/0.33 kN)
Mullen Burst Strength	ASTM D-3786	450 psi (3097 kPa)
Puncture Strength	ASTM D-4833	90 lbs (0.40 kN)
Apparent Opening Size	ASTM D-4751	40 US Sieve (0.425mm)
Percent Open Area	COE-22125-86	10%
Permittivity	ASTM D-4491	2.1 sec ⁻¹
Permeability	ASTM D-4491	0.14 cm/sec
Flow Rate	ASTM D-4491	145 gal/min per sq ft (5907 l/min per sq m)
UV Resistance (@ 500 hrs)	ASTM D-4355	90% strength retained

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Instructions:

Bags should be filled with clean 3/4" crushed or 1/4" pea gravel 50% to 75% full. Unfilled portion should be folded underneath the bag. DO NOT OVERFILL BAG.