

Hornet's Nest Drain Inlet Filter

The *Hornet's Nest Drain Inlet Filter* is a unique, under-grate storm drain filter. The oversized base allows the filter to be used with a variety of size and shape drain inlets. The yellow webbing secures the filter to the grate and doubles as lifting straps to quickly and easily remove the filter, grate and all, for simple cleaning. The sediment collection tube has 4 overflow portals to ease congestion during heavy storm events.

• Available as an option is a replaceable, tethered oil absorbant pouch.



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Hornet's Nest Drain Inlet Filter (Skirt) Material Specifications Mirafi 180N (nonwoven)

Mechanical Properties	Test Method	Unit	Minimum Average Roll Value	
			MD	CD
Grab Tensile Strength	ASTM D4632	lbs (N)	205 (912)	205 (912)
Grab Tensile Elongation	ASTM D4632	%	50	50
Trapezoid Tear Strength	ASTM D4533	lbs (N)	80 (356)	80 (356)
CBR Puncture Strength	ASTM D6241	lbs (N)	500 (2224)	
Apparent Opening Size (AOS) ¹	ASTM D4751	U.S. Sieve (mm)	80 (0.18)	
Permittivity	ASTM D4491	sec ⁻¹	1.4	
Flow Rate	ASTM D4491	gal/min/ft ² (l/min/m ²)	95 (3870)	
UV Resistance (at 500 hours)	ASTM D4355	% strength retained	70	

¹ ASTM D4751: AOS is a Maximum Opening Diameter Value

Physical Properties	Unit	Typical Value ²	
Roll Dimensions (width x length)	ft (m)	12.5 x 360 (3.8 x 110)	15 x 300 (4.57 x 91.4)
Roll Area	yd ² (m ²)	500 (418)	
Estimated Roll Weight	lb (kg)	248 (113)	

Hornet's Nest Drain Inlet Filter (Collection Tube) Material Specifications Propex Geotex 117F (woven)

PROPERTY	TEST METHOD	ENGLISH	METRIC
ORIGIN OF MATERIALS			
% U.S. Manufactured Inputs		100%	100%
% U.S. Manufactured		100%	100%
MECHANICAL			
Tensile Strength (Grab)	ASTM D-4632	350 x 200 lbs	1557 x 890 N
Elongation	ASTM D-4632	20 x 15%	20 x 15%
Trapezoidal Tear	ASTM D-4533	110 x 65 lbs	489 x 289 N
CBR Puncture	ASTM D-4833	700 lbs	3114 N
ENDURANCE			
UV Resistance % Retained at 500 hrs	ASTM D-4355	80%	80%
HYDRAULIC			
Apparent Opening Size (AOS) ³	ASTM D-4751	20 US Std. Sieve	0.850 mm
Permittivity	ASTM D-4491	2.50 sec ⁻¹	2.50 sec ⁻¹
Percent Open Area	CW-02215 Mod ⁴	20%	20%
Water Flow Rate	ASTM D-4491	180 gpm/ft ²	7.334 lpm/m ²
ROLL SIZES		12 ft x 300 ft	3.65 m x 91.44 m



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Dispose of unit in accordance with applicable Federal, state and local environmental laws and regulations. The user is solely responsible for compliance with maintenance and disposal laws and regulations. The manufacturer or seller assumes no responsibility for proper or improper maintenance or disposal.