

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 grates. 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 absorbent pouch.

Quick Look

- Material Non woven geotextile (skirt) / woven geotextile (collection tube)
- Strapping Weather resistant 2" polypropylene webbing
- Dimensions 36" x 48" - 60" x 60" - **custom sizing available**

Hornet's Nest Drain Inlet Filter (Skirt) Material Specifications

PROPERTY	TEST METHOD	ENGLISH	METRIC
MECHANICAL			
Tensile Strength (Grab)	ASTM D-4632	205 lbs	0.91 kN
Elongation	ASTM D-4632	50%	50%
Puncture	ASTM D-4833	110 lbs	.049 kN
Mullen Burst	ASTM D-3786	350 psi	2410 kPa
Trapezoidal Tear	ASTM D-4533	80 lbs	0.36 kN
ENDURANCE			
UV Resistance	ASTM D-4355	70% @ 500 hrs	70% @ 500 hrs
HYDRAULIC			
Apparent Opening Size (AOS) ³	ASTM D-4751	80 US Std. Sieve	0.180 mm
Water Flow Rate	ASTM D-4491	90 gm/ft ²	3657 lpm/m ²
Permittivity	ASTM D-4491	1.40 sec ⁻¹	1.40 sec ⁻¹
PHYSICAL			
Mass Per Unit Area	ASTM D-5261	8.0 oz/yd ²	271.2 g/m ²
Thickness	ASTM D-5199	85 mils	2.16 mm

Hornet's Nest Drain Inlet Filter (Collection Tube) Material Specifications

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 gm/ft ²	7.334 lpm/m ²

Dispose of unit in accordance with applicable Federal, state and local environmental laws and regulations.

The user is solely responsible for the compliance with maintenance and disposal laws and regulations.

The manufacturer or seller assumes no responsibility for proper or improper maintenance or disposal.

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Phone (800) 808-1774
Fax (866) 990-1527

www.psibmp.com
info@psibmp.com

