



■ 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.



The material used in the Hornet's Nest drain inlet filter includes a nonwoven geotextile (skirt), as well as a woven geotextile (collection tube). The strapping is constructed from weather resistant 2" polypropylene webbing. The Hornet's Nest drain inlet filter is available in: 36" x 48" - 60" x 60" (custom sizing available).

Installation Video: <https://youtu.be/oIhddpWdyzo>

PROPERTY	TEST METHOD	Skirt	Collection Tube
		METRIC/ENGLISH	METRIC/ENGLISH
<input type="checkbox"/> Mechanical			
Grab Tensile Strength	ASTM D 4632	0.91 kN / 205 lbs	1557 x 1246 N / 350 x 280 lbs
Grab Tensile Elongation		50%	20 x 15%
Trapezoidal Tear	ASTM D 4533	0.36 kN / 80 lbs	489 x 289 N / 110 x 65 lbs
CBR Puncture	ASTM D 6241	--	3937 N / 885 lbs
<input type="checkbox"/> Endurance			
UV Resistance	ASTM D 4355	70% @ 500 hrs	80% @ 500 hrs
<input type="checkbox"/> Hydraulics / Filtration			
Apparent Opening Size (AOS)	ASTM D 4751	0.180 mm / 80 US Std. Sieve	0.600 mm / 30 US Std. Sieve
Permittivity	ASTM D 4491	1.40 ^{sec-1}	1.50 ^{sec-1}
Percent Open Area (POA)	CW-02215	--	17%
Water Flow Rate	ASTM D 4491	3657 lpm/m ² / 90 gm/ft ²	8,149 lpm/m ² / 200 gm/ft 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.
- The properties reported above are effective 01-01-19 and are subject to change without notice.

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