



■ 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 | 1.557 x 1.246 kN / 350 x 280 lbs |
| Grab Tensile Elongation | | 50% | 20 x 15% |
| Trapezoidal Tear | ASTM D 4533 | 0.36 kN / 80 lbs | 0.49 x 0.33 kN N / 110 x 75 lbs |
| CBR Puncture | ASTM D 6241 | 2.23kN/ 500 lbs | 4.448 kN / 1000 lbs |
| <input type="checkbox"/> Endurance | | | |
| UV Resistance | ASTM D 4355 | 70% @ 500 hrs | 90% @ 500 hrs |
| <input type="checkbox"/> Hydraulics / Filtration | | | |
| Apparent Opening Size (AOS) ¹ | ASTM D 4751 | 0.180 mm / 80 US Std. Sieve | 0.85 mm / 20 US Std. Sieve |
| Permittivity | ASTM D 4491 | 1.35 ^{sec-1} | 1.50 ^{sec-1} |
| Percent Open Area (POA) | CW-02215 | -- | 20-30% |
| Water Flow Rate | ASTM D 4491 | 3657 lpm/m ² / 90 gm/ft ² | 8,149 lpm/m ² / 200 gm/ft ² |

- 1 Maximum Average Roll Value
- 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 1-01-2024 and are subject to change without notice.

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