

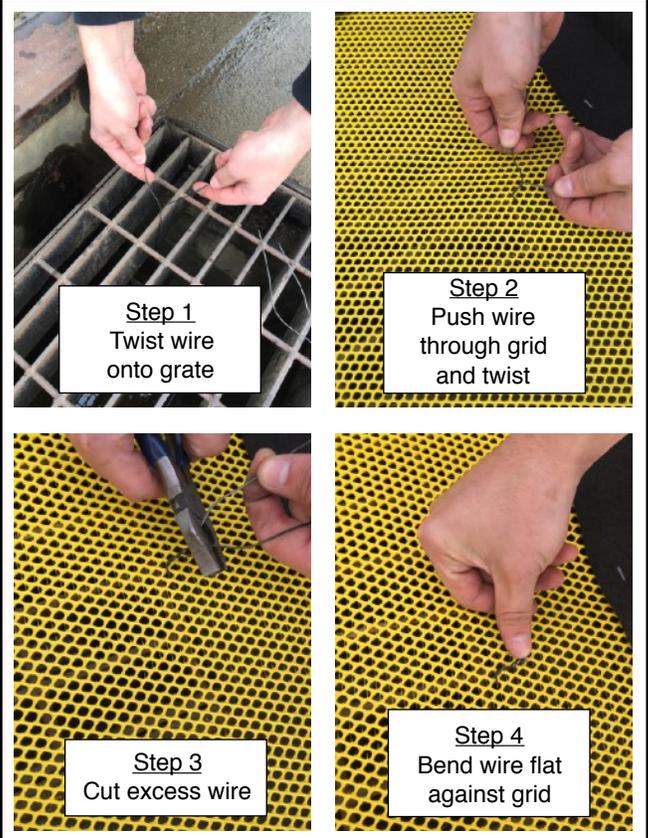
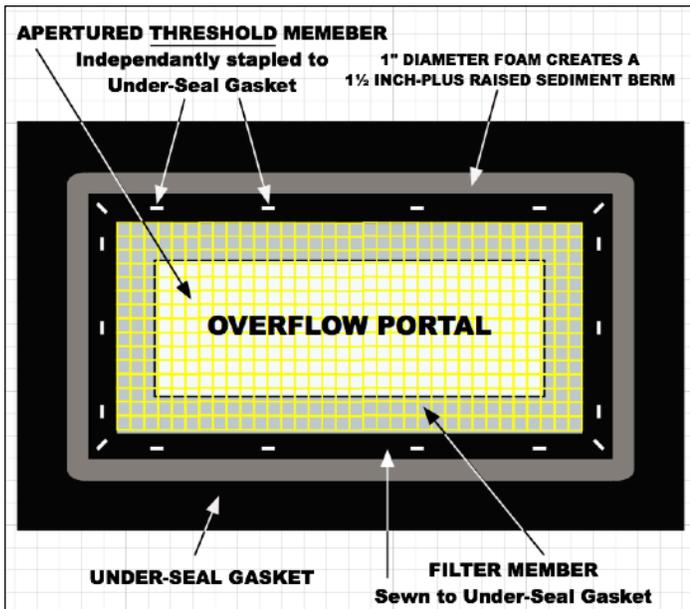
Piranha - Above Ground Drain Inlet Filter

The Piranha Filter is a specialized above ground **high-flow** drain inlet filter. The filter uses a unique 1½ inch-plus, closed-cell foam perimeter berm. A secondary filter media surrounds the generous overflow portal at the center of each Piranha Filter.

The Piranha Filter can either be held in place with gravel bags or the **preferred method** of attaching unit to the grate with heavy duty wire (provided).



Each Piranha Filter comes with a pre-cut back-block for grates with curb openings. Simply fold in half and put under the Piranha Filter prior to installation. The attached Velcro will hold the back-block in place. The back-block is 6" high.



Quick Look

- Outer Material 12 oz geotextile upper skirt - 16 oz geotextile under-seal gasket
 - Portal Grid Virgin perforated HDPE
 - Filtering Media High strength woven geotextile - percent open area 10-15%
 - Flow Rate 145 gallons per minute - (filtering media)
 - Dimensions 24" x 24" • 24" x 36" • 24" x 48" • 36" x 48" - custom sizing available
- Dimensions based on grate sizes**

Patent Pending 62,644,080

Proudly made in the USA by:
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Caltrans 2015 Standard Specs Section 13 13-6.02

SECTION 13

WATER POLLUTION CONTROL

Quality characteristic	Test method	Requirement
Grab tensile strength of outer jacket material (min, lb/sq in each direction)	ASTM D4632 ^a	4,000
Break strength of outer jacket (lb/sq in)	ASTM D4632 ^a	1,300
Permittivity of filter core (min, 1/sec)	ASTM D4491	0.38
Flow rate of filter core (gpm per sq ft)	ASTM D4491	100–200
Filter core aperture size (max, microns)	--	425
UV stability of outer jacket and filter core (min, percent tensile strength after 500 hours, xenon-arc lamp and water spray weathering method)	ASTM D4355	90

^aYou may use other appropriate test method for the specific polymer.

For an inlet with a curb opening but no grate, the rigid plastic barrier must be sized to fit the opening and have:

1. Horizontal flap of at least 6 inches with an under-seal gasket to prevent underflows
2. High-flow bypass
3. Vertical height of at least 7 inches after installation

For a grated inlet without a curb opening, the rigid plastic barrier must be sized to fit the inlet and:

1. Cover the grate by at least 2 inches on each side and have an under-seal gasket to prevent underflows
2. Have a high-flow bypass
3. Have a vertical height of at least 1.5 inches after installation

For a grated inlet with a curb opening, the rigid plastic barrier must be sized to fit and have:

1. Horizontal flap that covers the grate by at least 2 inches on the 3 sides away from the curb opening and must have an under-seal gasket to prevent underflows
2. High-flow bypass
3. Section that covers at least 5 inches vertically above the flow line of the curb opening after installation

