

VERTIPRO Inlet Protection Appliance

US Patent 6,059,964

Proven a thousand times over for over a decade

Key Benefits of the Vertipro Inlet Appliance:

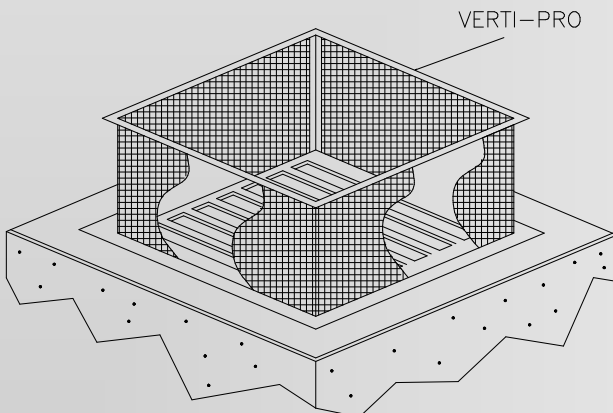
- Install in under 5 minutes
- Quick 2 bolt removal from grate or remove grate with appliance still attached.
- No need to lift the grate off to install or remove.
- Overflow built in to prevent flooding.
- Collapse for compact storage.
- Reusable appliance constructed out of 6063 aluminum and geotextile.
- Easily repair appliance. Replace a leg or geotextile and you are back in business.
- Aesthetically pleasing to the eye when compared to silt fence containment.
- Product sizes are based off of major foundry sizes including grates that slope from two directions.



Relief built in to alleviate roadway flooding.



Immediately after a 4" rain



CAD and PDF files available for implementation in drawings.

GEOTEXTILE PROPERTIES			
PROPERTY	TEST METHOD	ENGLISH	METRIC
Mechanical			
Tensile Strength (Grab)	ASTM D-4632	370 x 220 lbs	1645 x 980 N
Elongation	ASTM D-4632	25 x 15 %	25 x 15 %
Puncture	ASTM D-4833	115 lbs	510 N
Mullen Burst	ASTM D-3786	470 psi	3240 kPa
Trapezoidal Tear	ASTM D-4533	115 x 75 lbs	510 x 335 N
Endurance			
UV Resistance	ASTM D-4355	90%	90%
Hydraulic			
Apparent Opening Size	ASTM D-4751	30 US Std. Sieve	0.600 mm
Percent Open Area	CW-02215	11%	11%
Permittivity	ASTM D-4491	1.10 sec-1	1.10 sec-1
Water Flow Rate	ASTM D-4491	110 gpm/ft2	4,480 l/min/m2

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