



Silt Mat

The FloGard® Silt Mat is an inlet protection device used to cover a drainage inlet during the course of construction. Silt Mat comes complete with an excelsior (curled wood) erosion control blanket that effectively slows water flow into the drainage inlet while preventing the silt and debris from entering the drainage inlet.

The Silt Mat has a high visibility "chimney" structure in its center that protects the drainage inlet from damage by vehicles and a built-in overflow capability that prevents ponding.

Specifications:								
Model	OD (ft)	Bypass Dia. (in)	Bypass "Chimney" Height (in)	Mat Thickness (in)	Sediment Retention Cap. (cu ft)	Std. Mat Nonwoven Liner (oz)	Bypass "Chimney" Woven Mesh	Max. Inlet Size (in x in)
FF-SILTMAT	6 x 8	12.0	12.0	1.0	8.0	8.0	8	48 x 72

Filter Fabric Properties			
Property	Test Method	Units	Value
Mass/Unit Area	ASTM D 5261	g/m ² (oz/yd ²)	278 (8.2)
Grab Tensile Strength	ASTM D 4632	N (lbs)	900 (202)
Grab Tensile Elongation	ASTM D 4632	%	50
Tear Strength	ASTM D 4533	N (lbs)	350 (79)
Puncture Strength	ASTM D 4833	N (lbs)	350 (79)
Burst Strength	ASTM D 3786	kPa (psi)	1700 (246)
Permittivity	ASTM D 4991	sec ⁻¹	0.5
Flow Rate	ASTM D 4491	l/min/m ² (gal/min/ft ²)	3866 (95)
Apparent Opening Size	ASTM D 4751	mm (U.S. Sieve)	0.43 max (40)
Ultraviolet Stability	ASTM D 4355	%	50

