

# SS-800 Curb & Grate Inlet Filter

## CURB & GRATE INLET PROTECTION

### CURB & GRATE INLET FILTER

#### DEFINITION

A filter design to be placed in front of and on top of a curb & grate inlet opening to prevent the migration of silt into the storm drain system.

#### PURPOSE

To reduce turbidity of downstream waters by eliminating silt build-up in storm drain systems through the curb & grate inlet.

#### INSTALLATION

The Silt-Saver SS-800 Curb & Grate Inlet Filter is designed for easy installation:

1. Identify opening dimensions to determine how many SS-800's are required.
2. Place SS-800 Curb & Grate inlet protection on top of grate in front of curb opening.
3. Secure with sand bag on top of filter for weight.
4. For larger openings, simply place SS-800 side by side

#### MAINTENANCE

All temporary erosion and sediment control practices should be inspected daily.

Remove sediment and dispose in a proper manner.

Inspect SS-800 filter for cuts, abrasions and proper installation, replace or reposition as necessary.

Discontinue use if curb & grate inlet filtration creates traffic hazard.

#### SPECIFICATIONS

The SS-800 Curb & Grate filter utilized heavy duty interconnected polymeric coil to support a highly effective non-woven polyester filter. This filter allows a higher flow than typical silt fence and maintains structural integrity, even during heavy construction activity.

##### Filter Fabric Specs

Weight	D-3776	3.0 oz y <sup>2</sup>
Tensile strength	D-4632	80lbs
Elongation	D-4632	50%
Mullen burst	D-3786	150
Puncture strength	D-4833	50
Trapezoid tear	D-4533	30
AOS-US std sieve	D-4751	70
Permittivity, -1 *	D-4491	2.0
Flow *	D-4491	102 gal/min/ft <sup>2</sup>
U.V. Resistance, %	D-4355 (500 hrs)	70

Silt-Saver, Inc. warrants all products against material defects and workmanship at time products are received. However due to the nature of construction jobsites, the durability and long term use of these products is not warranted.

All statements, information and data given herein are believed to be accurate and reliable but are presented without guaranty, warranty or responsibility of any kind, expressed or implied.

The user should not assume that all safety measures are indicated, or that other measures of safety may not be required.