

product **Dandy Bag® and Dandy Bag® II** Flat Grate and Mountable Curb Inlet Protection

U.S. Patent No. 5,725,782 , 6,010,622, and other patents pending

DANDY BAG®

The patented Dandy Bag® is designed for use with flat grates (including round) and mountable curbs to filter sediment-laden storm water. The suspended solids are allowed to settle out of the slowed flow and are captured by the Dandy Bag® prior to entering the inlet.

FEATURES AND BENEFITS

- Unique patented design keeps silt, sediment, and debris out of storm systems
- Reduces or eliminates the need to flush or clean inlets
- Fabricated from a highly recognizable orange monofilament geotextile (Filterweave® 402)
- Standard sizes to fit any inlet (including round)
- Easy to install, maintain, inspect, and re-use

INSTALLATION AND MAINTENANCE GUIDELINES

- Installation: The empty Dandy Bag® should be placed over the grate as the grate stands on end. If using optional oil absorbents; place absorbent pillow in pouch, on the bottom (below-grade side) of the unit. Attach absorbent pillow to tether loop. Tuck the enclosure flap inside to completely enclose the grate. Holding the lifting devices (do not rely on lifting devices to support the entire weight of the grate), place the grate into its frame.
- Maintenance: Remove all accumulated sediment and debris from surface and vicinity of unit after each storm event. Remove the sediment that has accumulated within the containment area of the Dandy Bag® as needed. If using optional oil absorbents; remove and replace absorbent pillow when near saturation.



Designed for flat grates and mountable curbs

DANDY BAG® II

The Dandy Bag® II is an open-top bag that is designed to hang underneath a storm grate to filter sediment-laden stormwater. The suspended solids are allowed to settle out of the slowed flow and are captured by the Dandy Bag® II prior to entering the inlet.

FEATURES AND BENEFITS

- Price
- Easy installation. No rebar required
- Internal straps cradle grate for added security when installing and removing
- 2ft containment area is very manageable
- Fabricated from a highly recognizable orange monofilament geotextile (Filterweave® 402)
- Available in three standard sizes to fit a variety of inlets
- Available with optional oil absorbents
- Available with patented curb blocking technology

INSTALLATION AND MAINTENANCE GUIDELINES

- Installation: Remove the grate from catch basin. If using optional oil absorbents; place absorbent pillow in unit, on the bottom (below-grade side) of the unit. Stand the grate on end. Move the top lifting straps out of the way and place the grate into the Dandy Bag® II so that the grate is below the top straps and above the lower straps. Holding the lifting devices, insert the grate into the inlet.
- Maintenance: Remove all accumulated sediment and debris from vicinity of unit after each storm event. After each storm event and at regular intervals, look into the Dandy Bag® II. If the containment area is more than 1/3 full of sediment, the unit must be emptied. To empty unit, lift the unit out of the inlet using the lifting straps and remove the grate. If using optional oil absorbents; replace absorbent when near saturation.



Designed for under the grate containment



Ten Cate Nicolon

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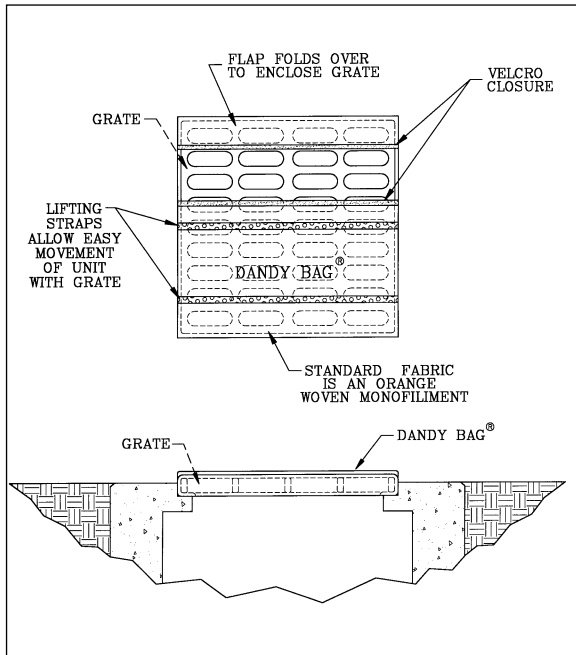
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Technical Data for Filterweave® 402 Geotextile

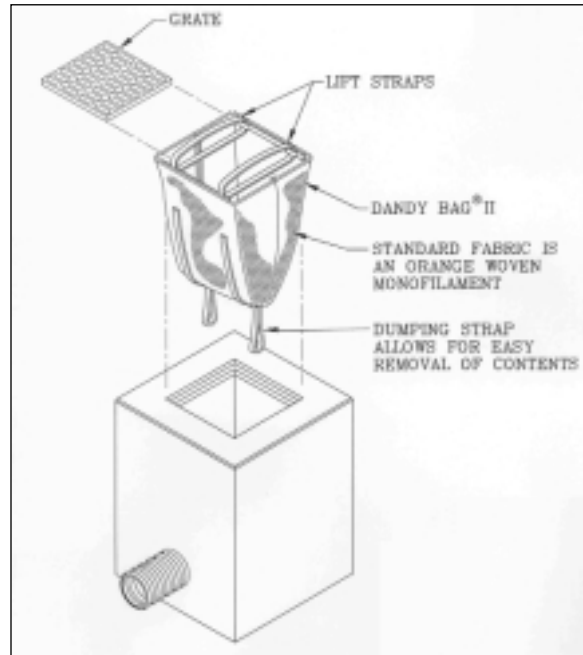
PROPERTY	TEST METHOD	UNITS	MARV
Grab Tensile Strength (MD x CD)	ASTM D 4632	kN (lbs)	1.62 (365) x 0.89 (200)
Grab Tensile Elongation	ASTM D 4632	%	24 x 10
Puncture Strength	ASTM D 4833	kN (lbs)	0.44 (100)
Mullen Burst Strength	ASTM D 3786	kPa (psi)	3097 (450)
Trapezoid Tear Strength (MD x CD)	ASTM D 4533	kN (lbs)	0.51 (115) x 0.33 (75)
Percent Open Area (POA)	COE -22125-86	%	10
Apparent Opening Size (AOS)	ASTM D 4751	mm (US Std Sieve)	0.425 (40)
Permittivity	ASTM D 4491	sec ⁻¹	2.14
Permeability	ASTM D 4491	cm/sec	0.142
Water Flow Rate	ASTM D 4491	l/min/m ² (gal/min/ft ²)	5907 (145)
Ultraviolet Resistance	ASTM D 4355	%	70
Color			Orange ¹

¹The color orange is a trademark of Dandy Products, Inc.

Dandy Bag®



Dandy Bag® II



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TECHNICAL SERVICES

Complete technical assistance is available from Ten Cate Nicolon and its sales representatives. Service include assistance during design and specification stages as well as initial stages of installation.

WARRANTY

Ten Cate Nicolon warrants that the product that it sells will conform to the specifications published in this literature. For information on limitations to this warranty, contact Ten Cate Nicolon.

CORPORATE OFFICE

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