

DANDY INLET GUARD®

INLET PROTECTION SYSTEM GUIDE SPECIFICATION

PRODUCT:

DANDY INLET GUARD®

MANUFACTURER:

Dandy Products Inc.
P.O. Box 1680
Powell, Ohio 43065
Phone: 800-591-2284
Fax: 740-881-2791
Email: sdunnpe@dandyproducts.com
Web: www.dandyproducts.com

1.0 Description:

1.1 Work covered under this item consists of installing a Dandy Inlet Guard® inlet protection system. The purpose is to keep silt, sediment, and construction debris out of the storm water system.

2.0 Material:

2.1 The Dandy Inlet Guard® inlet protection unit shall be a **sewn in the U.S.A.** geotextile fabric unit.

2.2 The Dandy Inlet Guard® shall features an adjustable grate skirt and an orange overflow ring that sits above the grate.

2.3 The Dandy Inlet Guard® unit shall utilize an orange monofilament fabric and a filtration fabric that is manufactured in the U.S.A. with the following characteristics:

PROPERTY	TEST METHOD	UNITS	TEST RESULTS
Tensile Strength	ASTM D4632	lbs	450 x 300
Elongation	ASTM D4632	%	38% x 21%
Trapezoidal Tear	ASTM D4533	lbs	165 x 150
CBR Puncture	ASTM D6241	lbs	1000
HYDRAULIC PROPERTIES:			
Apparent Opening Size (AOS)	ASTM D 4751	US Std Sieve	30
Permittivity	ASTM D 4491	sec ¹	4.9
Water Flow Rate	ASTM 4491	gal/min/ft ²	365
% Open Area (POA)	COE - 22125-86	%	29
UV Resistance (% Retained @ 2500 hrs)	ASTM D 4355	%	70
Color			Orange ¹

¹The color orange is a trademark of Dandy Products, Inc.
The property values listed above are effective April 2022 and are subject to change without notice.

PROPERTY	TEST METHOD	UNITS	TEST RESULTS
Weave	Visual		HONEYCOMB
Color/Appearance	Visual		White & Natural Polypropylene
Weight	ASTM D3776	oz/sy	10.0
Tensile-Warp	ASTM D5034	lbs/in	490
Tensile-Fill	ASTM D5034	lbs/in	345
Thickness	ASTM D6525	mils	160

3.0 Installation:

3.1 Remove the grate from the catch basin.

3.2 *For Oil and Sediment Model; to install or replace absorbent, place absorbent pillow in unit, on the bottom (below-grade side) of the unit.*

3.3 Stand the grate on end. Move the straps out of the way and place the grate into the Dandy Inlet Guard® unit. Secure the grate within the Dandy Inlet Guard® using the elastic bands.

3.4 Holding the lifting devices, insert the grate into the inlet, being careful that the grate remains in place and being careful not to damage the Dandy Inlet Guard® unit.

4.0 Maintenance:

4.1 Remove all accumulated sediment and debris from vicinity of unit after each storm event.

4.2 After each storm event and at regular intervals, visually inspect the Dandy Inlet Guard® unit. Remove any sediment and debris that has accumulated.

4.3 *For Oil and Sediment Model; remove and replace absorbent when near saturation.*

4.5 Dispose of unit and/or absorbent in accord with applicable Federal, state and local environmental laws and regulations.

5.0 Method of Measurement:

5.1 The quantity to be paid is for the actual number of Dandy Inlet Guard® inlet protection units installed

6.0 Basis of Payment:

6.1 The unit price shall include labor, equipment, and materials necessary to complete the work and maintain the Dandy Inlet Guard® inlet protection units.

6.2 Payment for the completed work will be made at the contract prices for:

<u>ITEM</u>	<u>UNIT</u>	<u>DESCRIPTION</u>
Dandy Inlet Guard®	EA	Inlet Protection