

# DANDY RECYCLER™

## CURB INLET AND GUTTER PROTECTION SYSTEM GUIDE SPECIFICATION

PRODUCT:

DANDY RECYCLER™

MANUFACTURER:

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

### 1.0 Description:

1.1 Work covered under this item consists of installing a Dandy Recycler™ inlet and gutter protection system for inlets, median barrier inlets without grates, and gutters. The purpose is to keep silt, sediment, and construction debris out of the storm system.

### 2.0 Material:

2.1 The Dandy Recycler™ inlet protection system shall be a **sewn in the U.S.A.** fabric unit in the form of a cylindrical tube. Diameter of the tube is nominal 9". Lengths available are 3', 4', 5', 6', and 8'.

2.2 The Dandy Recycler™ is filled with a recycled crumble rubber material or aggregate on the Velcro end of the unit. This work is typically performed by others.

2.3 The Dandy Recycler™ unit shall utilize an orange monofilament 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
<b>HYDRAULIC PROPERTIES:</b>			
Apparent Opening Size (AOS)	ASTM D 4751	US Std Sieve	30
Permittivity	ASTM D 4491	sec <sup>1</sup>	4.9
Water Flow Rate	ASTM 4491	gal/min/ft <sup>2</sup>	365
% Open Area (POA)	COE - 22125-86	%	29
UV Resistance (% Retained @ 2500 hrs)	ASTM D 4355	%	70

Color			Orange <sup>1</sup>
-------	--	--	---------------------

<sup>1</sup>The 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.

**3.0 Installation:**

3.1 Place Dandy Recycler™ inlet protection unit on ground near the inlet, or in the gutter, where it is to be installed.

3.2 *For oil and sediment model, to install or replace absorbent, open the Velcro end, and place absorbent inside the unit.*

3.3 Using the lifting straps, maneuver the Dandy Recycler™ to the location where it will be used for best protection against silt, sediment, and construction debris out of the storm system.

3.4 Place the unit with no gaps between the adjoining curb or another unit.

**4.0 Maintenance:**

4.1 The contractor shall remove all accumulated sediment and debris from around and within the vicinity of unit after each rain event or as directed by engineer/inspector. Dispose of unit no longer in use at an appropriate recycling or solid waste facility.

4.2 *For oil and sediment model; remove and replace absorbent when near saturation.*

**5.0 Method of Measurement:**

5.1 The quantity to be paid is for the actual number of Dandy Recycler™ inlet protection units installed, or by the lineal foot.

**6.0 Basis of payment:**

6.1 The unit price shall include labor, equipment, and materials necessary to complete the work and maintain the True Dam® 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 Recycler™	EA	Inlet Protection Unit (# _____ Inlet)
Dandy Recycler™	EA	Inlet Protection by foot (# _____ /ft)