

ITEM SPECIFICATION - DEWATERING BAG/TUBE 10oz.

SecCatch® 10oz Dewatering Bag/Tube™, as manufactured by:
www.SedCatch.com

1.0 Description:

1.1 Work covered under this item consists of furnishing, installing, maintaining, and removal of the SedCatch Dewatering Bag/Tube. The purpose is to collect sediment that is contained in the water that is being pumped, to prevent scour and erosion from water exiting a pipe at high velocity, to defuse the water over a wider area to minimize erosion as the water drains away, and to retain oil contained within effluent.

2.0 Material:

2.1 The above geotextile seams shall be double stitched with a high strength thread.
2.2 The SedCatch Dewatering Bag/Tube shall be made of a nonwoven, needle punched geotextile with the following characteristics:

Material Polypropylene
Weight 10 oz.
Construction Needle Punched

Property	Test Method	MARV
Tensile Strength (Grab)	ASTM D-4632	270 lbs.
Elongation	ASTM D-4632	50%
Puncture	ASTM D-4833	165 lbs.
Mullen Burst	ASTM D-3786	525 psi.
Trapezoidal Tear	ASTM D-4533	100 lbs.
UV Resistance	ASTM D-4355	70%
Apparent Opening Size	ASTM D-4751	100 Sieve = .15mm
Permittivity	ASTM D-4491	.94 sec ⁻¹
Water Flow Rate	ASTM D-4491	75 gpm/ft ²

3.0 Installation and Use:

3.1 Place SedCatch Dewatering Bag/Tube on the ground or on a trailer over a relatively level, stabilized area.
3.2 Insert discharge hose a minimum of 5 ft inside SedCatch Dewatering Bag/Tube and secure with a rope (included wrapped 6 times around the snout over a 6 inch width of the bag).
3.3 Insert discharge pipe a minimum of 5 ft inside SedCatch Dewatering Bag/Tube and secure with a rope wrapped 6 times around the snout over a 6 inch width of the bag. To close the open end of the tube; overlap the tube 2 ft from the end, gather the center of the doubled up portion forming a bow tie, secure with a rope wrapped multiple times.

4.0 Maintenance:

4.1 Replace SedCatch Dewatering Bag when half full of sediment or when the sediment has reduced the flow rate of the pump discharge to an impractical rate,
OR; Empty SedCatch Sediment Tube when half full of sediment or when the sediment has reduced the flow rate of the pump discharge to an impractical rate,
OR; as directed by engineer or inspector.

5.0 Method of Measurement:

5.1 The quantity to be paid for the actual number of SedCatch Dewatering Bags/Tubes that are actually used.

6.0 Basis of Payment:

6.1 The unit price shall include labor, equipment, and materials necessary to install, maintain, and dispose of SedCatch Dewatering Bags/Tubes

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

UNITS	DESCRIPTION	EA
Quantity	Size of Bag /Tube	Unit price