



CROSS COUNTRY CANADA SUPPLIES & RENTALS DEWATERING BAGS

SITE DEWATERING • EROSION CONTROL

KEY FEATURES:

These dewatering bags have been designed to assist contractors and site engineers with dewatering of construction sites, lakes, and other water pumping applications. As water is pumped into the dewatering bag, sediment, silt, and sand is trapped inside. The water that was pumped into the bag is released through the dewatering bags' filtering material as near-clear water.

Additionally, dewatering bags help protect the environment & comply with storm water regulations by reducing pollutants and helping to maintain ground water quality.

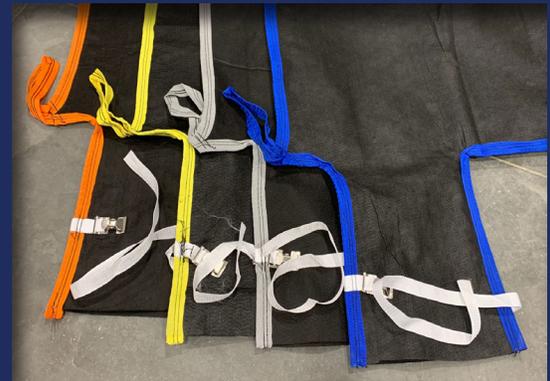
Dewatering bags are manufactured using a non-woven polypropylene geotextile stitched together via a double-needle seam. A fabric flange is also incorporated allowing a discharge hose of up to 6" to be attached.

AVAILABLE SIZES:

dewatering Bags are available in various sizes. The bags are colour coded for each size. They have lifting eyelets for easy positioning and lifting and a buckle to tighten around the hose flange up to 6".

CCIS-DW 3x5 Blue
CCIS-DW 5x7 Orange

CCIS-DW 10x10 Yellow
CCIS-DW 5x15 Silver



ADDITIONAL FEATURES:

Dewatering bags are created using needle-punched non-woven geotextiles manufactured using polypropylene fibers that are formed into a dimensionally stable network, allowing the fibers to maintain their relative position. These bags resist ultraviolet deterioration, rotting, and biological degradation & are inert to commonly encountered soil chemicals.

| PROPERTY | TEST METHOD | TYPICAL ENGLISH | TYPICAL METRIC |
|------------------------------|-------------|---|---|
| TENSILE STRENGTH (GRAB) | ASTM D-4632 | 205 X 205LBS/912 X 912N | 250 X 250N/1113 X 1113N |
| ELONGATION | ASTM D-4632 | 50%/50% | 50%/50% |
| CBR PUNCTURE | ASTM D-6241 | 525LBS/2336N | 625LBS/2781N |
| TRAPEZOIDAL TEAR | ASTM D-4533 | 80 X 80LBS/356 X 356N | 100 X 100LBS/445 X 445N |
| UV RESISTANCE (500HRS) | ASTM D-4355 | 70%/70% | 70%/70% |
| APPARENT OPENING SIZE (AOS)* | ASTM D-4751 | 80 US STD. SIEVE/0.18MM | 100 US STD. SIEVE/0.150MM |
| PERMITTIVITY | ASTM D-4491 | 1.4 SEC ⁻¹ /1.4SEC ⁻¹ | 1.2SEC ⁻¹ /1.25SEC ⁻¹ |
| WATER FLOW RATE | ASTM D-4491 | 90GPM/FT ² / 3667 LPM/M | 80GPM/FT ² / 3251LPM/M |

*Maximum Average Roll Valve

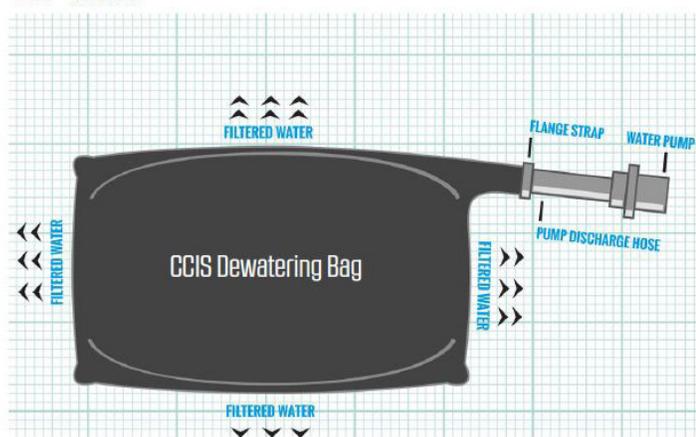
Notes:

- Mullen Burst ASTM D-3786 has been removed. It is not recognized by ASTM D-35 on Geosynthetics.
- Puncture ASTM D-4833 has been removed. It is not recognized by AASHTO M288 and has been replaced with CBR Puncture ASTM D-6241

INSTALLATION

- Place dewatering Bags on a fairly level and stabilized area.
- Insert the pump discharge hose into the fabric flange and secure it tightly with the flange straps.
- Once the pump is operational, make sure that no unfiltered water is escaping from around the fabric flange.
- The bag can be removed using a loader or similar equipment and disposed of, or placed elsewhere onsite where the fines may be used. Be sure to follow any local regulations regarding disposal.

TOP VIEW



SIDE VIEW

