WINFAB INLET BAGS

Sediment Capture for Storm Drains

FILTRATION

DRAINAGE

WINFAB manufactures fabrics designed to meet today's advanced engineering requirements for stabilization, separation, filtration, reinforcement, and erosion control.

DESCRIPTION

WINFAB Inlet Bags have been designed to reduce surface water pollution and prevent clogging from construction stormwater runoff. The Inlet Bags catch silt & sediment while allowing water to travel freely through the storm drain.

Additionally, WINFAB Inlet Bags are a critical part of Best Management Practices (BMP), assisting in water pollution control.

WINFAB Inlet Bags are created using high tenacity polypropylene yarns that are woven to form a dimensionally stable network, which allows the yarns to maintain their relative position. They are available in regular or high flow, and also feature an optional deflector for curb-side applications.

AVAILABLE SIZES

WINFAB Inlet Bags are available in the following sizes: 24"x24"x36", 24"x36"x36", 24"x48"x36", 30"x30"x36", 32"x32"x36", 36"x36"x36". For custom sizing or to place an order, please call 912.534.5757

INSTALLATION

- Locate the storm drain and remove the grate covering it.
- Slide rebar rods through the side pockets of the WINFAB Inlet Bag and lower the bag into the drain.
- Place the grate back into place over the WINFAB Inlet Bag, taking care that the rebar pockets remain above the grate on each side (see image at right).

MAINTENANCE & INSPECTION

- The WINFAB Inlet Bag should be inspected routinely after any major rain event, as well as every 2-3 weeks barring any events.
- The Inlet Bag should be emptied when the sediment level reaches the fill/ expansion strap.

REMOVAL & CLEANING

- If previously removed, re-insert the rebar rods into the WINFAB Inlet Bag pockets prior to removing the grate.
- Lift the WINFAB Inlet Bag out of the drain and transport to a proper disposal location.
- Invert the Inlet Bag to empty the contents. Use a hose with a spray nozzle as needed to clean. The WINFAB Inlet Bag is ready for re-installation.

WINFAB | **www.winfabusa.com**
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Ph: (912) 534-5757 • Fax: (912) 534-5533

GMA Geosynthetic Materials Association

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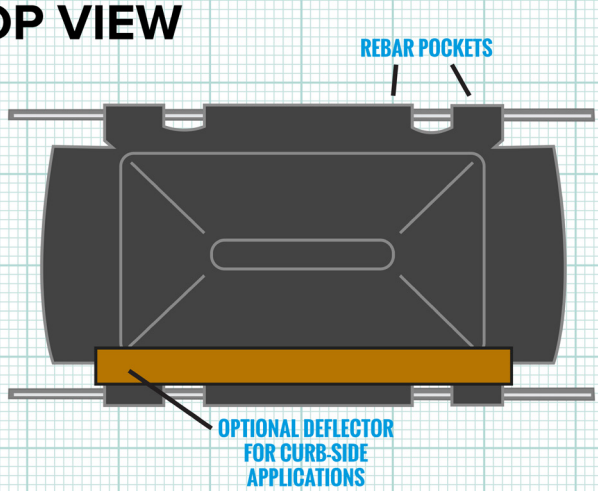
FILTRATION DRAINAGE

WINFAB Inlet Bags are created using high tenacity polypropylene yarns that are woven to form a dimensionally stable network, which allows the yarns to maintain their relative position. **WINFAB Inlet Bags** resist ultraviolet deterioration, rotting, and biological degradation & are inert to commonly encountered soil chemicals.

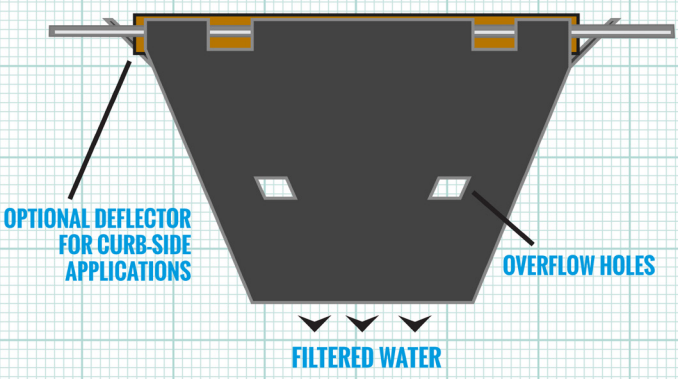
PROPERTY	TEST METHOD	Standard Flow MARV English / Metric	High Flow MARV English / Metric
Tensile Strength (Grab)	ASTM D4632	320 x 320 lbs / 1424 x 1424 N	365 x 200 lbs / 1624 x 890 N
Elongation	ASTM D4632	15% / 15%	24 x 15% / 24 x 15%
CBR Puncture	ASTM D6241	1400 lbs / 6230 N	750 lbs / 3336 N
Trapezoidal Tear	ASTM D4533	125 x 125 lbs / 556 x 556 N	115 x 75 lbs / 512 x 334 N
Wide Width Tensile	ASTM D4595	2400 x 2400 lbs/ft / 35 x 35 kN/m	2400 x 1680 lbs/ft / 35 x 24.52 kN/m
UV Resistance (500 hrs)	ASTM D4355	90% / 90%	90% / 90%
Apparent Opening Size (AOS)*	ASTM D4751	40 US Std. Sieve / 0.425 mm	40 US Std. Sieve / 0.425 mm
Permittivity	ASTM D4491	.70 sec^{-1} / .70 sec^{-1}	2.1 sec^{-1} / 2.1 sec^{-1}
Water Flow Rate	ASTM D4491	50 gpm/ft^2 / 2037 lpm/m	145 gpm/ft^2 / 5907 lpm/m

***Maximum Average Roll Valve**

TOP VIEW



SIDE VIEW



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