



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 Bags** and lower the bag into the drain.
- Place the grate back into place over the **WINFAB® Inlet Bags**, taking care that the rebar pockets remain above the grate on each side (see image at right).

MAINTENANCE & INSPECTION

- The **WINFAB® Inlet Bags** 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 Bags** pockets prior to removing the grate.
- Lift the **WINFAB® Inlet Bags** 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 Bags** is ready for re-installation.





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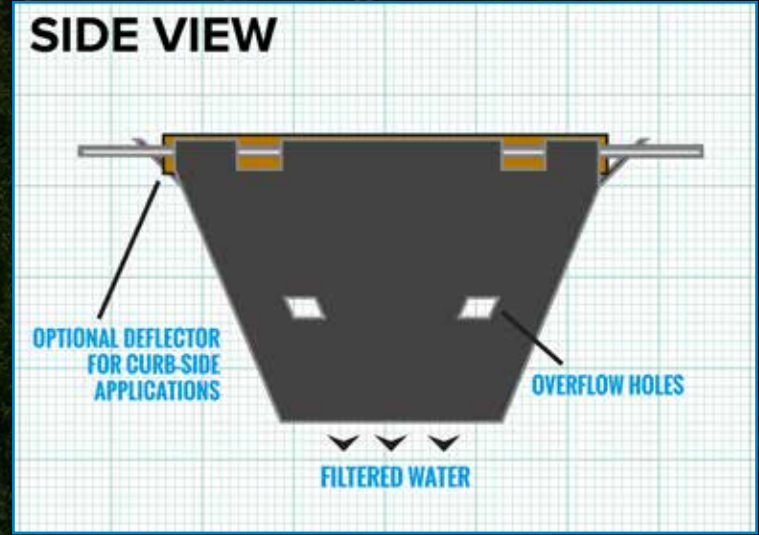
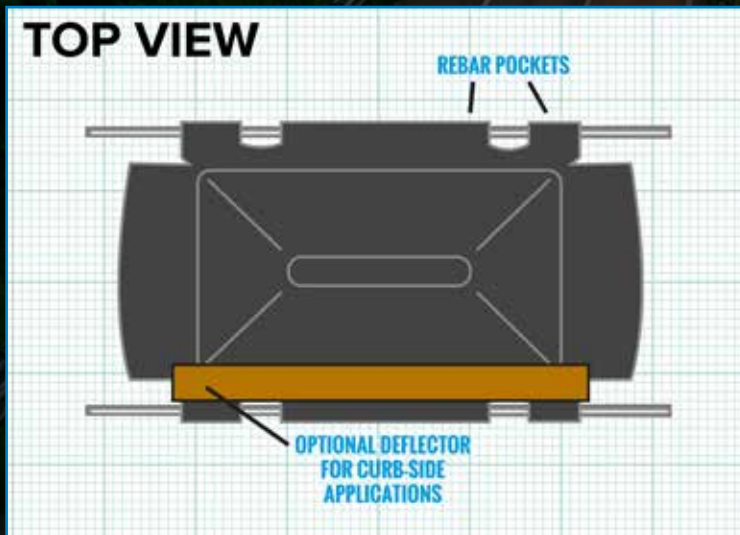


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WINFAB® Inlet Bags are created using high tenacity polypropylene yarns that are woven to form a dimensionally stable network, which allows the yarns to maintain their relative position. **WINFAB® Inlet Bags** resist ultraviolet deterioration, rotting, 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 Value



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