



Filtration Bags

“Snake Bag”

The “Snake Bag” is designed to form a 6" gravel wattle 4' in length and weighing approximately 50 lb. when filled with 1/4" gravel. The “Snake Bag” can be used over and over again because the “Snake Bag” is heat sealed to prevent rupture and is made of a high UV mono-filament weave for strength and durability. The “Snake Bag” is designed for the first line of defense in filtration in roadways and will trap particle sizes as small as .1 fine sand.



Description

Fabric Structure: Woven **Yarn:** High density polyethylene
Construction: 34 x 20 wrap 700 Denier

Physical Property	Test Method	Min. Avg. Roll Value
Grab Tensile Strength	ASTM D1682	>W280/F196 lbs.
Fabric Weight	D-5261	5 oz./sq./yd.
Mullen Burst Strength	D-751	390 lbs./in./sq.
Water Flow		100 gal./ft./sq./min.
UV Resistance (@2000 hours)	ASTM D4355, D4632	>70%
Size		11" x 48"

All seams are heat welded and are not sewn.

Gravel Bag



Description

Fabric Structure: Woven **Yarn:** High density polyethylene
Construction: 34 x 20 wrap 700 Denier

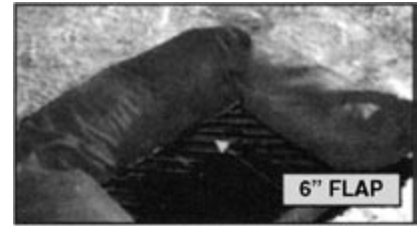
Physical Property	Test Method	Min. Avg. Roll Value
Grab Tensile Strength	ASTM D1682	>280/F196 lbs.
Fabric Weight	D-5261	5 oz./sq./yd.
Mullen Burst Strength	D-751	390 lbs./in./sq.
Water Flow		100 gal./ft./sq./min.
UV Resistance (@2000 hours)	ASTM D4355, D4632	>70%
Size		17" x 26"

All seams are heat welded and are not sewn.

Sacramento Bag's “Orange Gravel Bag” is made of the same high UV mono-filament material as our “Snake Bag” and is used where visibility and burst strength are needed because of traffic problems on the roadway running over the bags.

“Flap Bag”

The “Flap Bag” is designed to form a 10" wattle in any length and filled with gravel, straw, or any other natural filtering media. The “Flap Bag” can be used over and over again because the “Flap Bag” is heat sealed to prevent rupture and is made of a high UV monofilament weave for strength and durability. The “Flap Bag” is designed for the first line of defense in filtration in roadways and will trap particle sizes as small as .1 fine sand.



Description

Fabric Structure: Woven **Yarn:** High density polyethylene
Construction: 34 x 20 wrap 700 Denier

Physical Property	Test Method	Min. Avg. Roll Value
Grab Tensile Strength	ASTM D1682	>W280/F196 lbs.
Fabric Weight	D-5261	5 oz./sq./yd.
Mullen Burst Strength	D-751	390 lbs./in./sq.
Water Flow		100 gal./ft./sq./min.
UV Resistance (@2000 hours)	ASTM D4355, D4632	>70%
Size		14" x 750'W/6" flap

All seams are heat welded and are not sewn.

“Drain Donut”

The “Drain Donut” is designed for filtration on catch basin grates. It is equipped with a flood level bypass, which allows water to overflow directly into the basin.



The filter poses little danger to traffic because the bypass wall is a compressible foam rubber doughnut.

For filtration the filter uses high flow woven or non-woven polypropylene fabric. This fabric allows storm water to pass through while holding back silt and sediment.

The filter enwraps the basin grate completely blocking unfiltered water.

Physical Property	Test Method	Woven 9(MARV)	Non-Woven (MARV)
Fabric Weight	D-5261	6 oz./sq./yd.	8 oz./sq./yd.
Grab Tensile Strength (W/F)	ASTM D-4632	365/200 lbs.	205 lbs.
Grab Elongation (W/F)	ASTM D-4632	24/10%	50%
Trapezoid Tear (W/F)	ASTM D-4533	115/75 lbs.	75 lbs.
Puncture	ASTM D-4833	105 lbs.	120 lbs.
Mullen Burst Strength	ASTM D-3786	480 psi.	400 psi.
Water Flow	ASTM D-4491	100 gpm/sq-ft	110 gal./min./sq./ft
UV Resistance (@500 hours)	ASTM D4355	90%	85%