



The Patriot Geosynthetics Grate Bag traps sand, debris, and most silt particles before they enter the sump or pipes. Costly basin and pipe system cleaning is reduced. Best of all, the Patriot Geosynthetics Grate Bag can be reused.

Note: Color of material may vary.



Patriot Grate Bags meet or exceed the physical property values listed below:

PROPERTY	TEST METHOD	UNIT	M.A.R.V.
Grab Tensile	ASTM D 4632	lbs	255 x 275
Grab Elongation	ASTM D 4632	%	20 x 15
Trapezoidal Tear	ASTM D 4533	lbs	40 x 50
Puncture	ASTM D 4833	lbs	135
Mullen Burst	ASTM D 3786	psi	420
Permittivity	ASTM D 4491	sec -1	1.5
Water Flow	ASTM D 4491	gpm/sq ft	200
AOS	ASTM D 4751	US Std Sieve	20
UV Resistance	ASTM D 4355	%/hours	90/500 hrs

The Patriot Geosynthetics Grate Bag is a Best Management Practice, which is normally used in conjunction with other BMP's to reduce the impact of sedimentation. Use of The Patriot Geosynthetics Grate Bag as the sole BMP should be limited to those applications where sediment loading within the storm-runoff is minimal. Bags are constructed with tension cable as well as overflow holes that are placed one foot from bottom of bag. The Patriot Geosynthetics Grate Bag is an excellent "final filter" in a well-designed and implemented erosion control system.

