



Poly-Wattle™

- Designed as an effective and economical storm drain inlet protection device.
- Patented design provides effective erosion and sediment control
- Lightweight and durable construction
- Installs in Minutes
- Other uses include silt dike type structures, diversion dikes, continuous barrier, temporary ditch liner, slope interruption device, stream and pond protection.

Purpose

Water-Flow Dissipater
 Sediment Control Device
 100% Synthetic
 Reduces runoff water velocity
 Traps dislodged soil particles and ameliorates the effects of slope steepness
 Contains water flow dissipaters which trap sediment



<u>Performance Properties:</u>	<u>Value</u>
BMP Device Type	18' x 9" Cylindrical
Sediment Retention Capacity (lbs/ft.)	30
De-Stabilizing Moisture Retention (%)	11
Functional Capacity Duration (Minutes)	350

<u>Physical Properties:</u>	<u>Value</u>
Unit Weight (lbs/lineal ft.):	6.2 oz
Functional Longevity (Months):	24
Installed Free Board Height (Inches):	>9"
DOT Laboratory Tested:	Yes
Manufactured Ready To Use (RTU):	No (req. stakes)
Seamless Construction:	Yes
GA DOT BMP Approved*	Yes
Fill Fiber	Certified Strands
Fabric Tensile Strength	ASTM D-4632 300Lb x 260lb
Fabric-Elongation	ASTM D-4632 15%
Fabric-Mullen Burst	ASTM D-3786 450 psi
Fabric-Puncture	ASTM D-4833 60 lb
Fabric-Trapeziod Tear	ASTM D-4533 50 lb
Fabric-UV Resistance	ASTM D-4355 90% @ 500hrs
Fabric-AOS	ASTM D-4751 40
Flow Rate	ASTM D-4491 50 gal/min/sq ft
Fungus Resistance	ASTM D-G021 0

*Approved as an alterative to straw bales when used as a Ditch Check