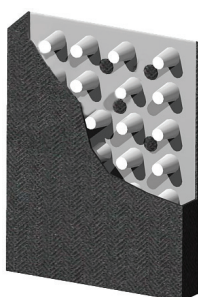


SITEDRAIN™ STRIP 9000 SERIES

PREFABRICATED STRIP DRAIN



PRODUCT OVERVIEW

SITEDRAIN Strip 9000 Series geocomposite strip drain products are composed of a dimpled polymeric perforated core fully wrapped in geotextile. The geotextile allows water to pass through while retaining backfill materials. The perforated core allows water collection from all sides and provides a continuous flow path to designated drainage exits.

SITEDRAIN Strip 9000 Series products provide a value engineered alternative to perforated pipe and aggregate subsurface drainage systems in applications requiring high strength and high flow capacity. Various geotextile options and product widths are available to meet project-specific requirements.

PROPERTY ¹	TEST METHOD	UNIT OF MEASURE	9400	9400-T	9600	9800
GEOTEXTILE						
Material ²			PP, NPNW	PP, SBNW	PP, NPNW	PP, NPNW
Survivability	AASHTO M288	Class	3	3	2	1
Grab Tensile Strength	ASTM D4632	lbs	135	150	195	245
		N	601	667	867	1,090
Grab Elongation	ASTM D4632	%	60	50	60	60
CBR Puncture	ASTM D6241	lbs	365	295	505	580
		N	1,624	1,312	2,246	2,580
Trapezoidal Tear	ASTM D4533	lbs	60	70	85	100
		N	267	310	378	445
UV Resistance	ASTM D4355	% / 500 Hrs	70	70	70	70
Apparent Opening Size (AOS) ³	ASTM D4751	sieve	70	80	70	80
		mm	0.212	0.180	0.212	0.180
Permittivity	ASTM D4491	sec ⁻¹	2.4	1.0	2.1	1.8
Water Flow Rate	ASTM D4491	gpm / ft ²	175	70	155	135
		Lpm / m ²	7,130	2,850	6,315	5,501
CORE						
Compressive Strength	ASTM D6364	psf	9,500	9,500	9,500	9,500
	ASTM D1621	kPa	455	455	455	455
Thickness	ASTM D5199	in	1.0	1.0	1.0	1.0
		mm	25.4	25.4	25.4	25.4
In-Plane Flow Rate ⁴	ASTM D4716	gpm/ft	21	21	21	21
		Lpm/m	261	261	261	261

¹ Unless otherwise noted, all physical and performance properties listed are Typical Value as defined in ASTM D4439.

² PP = Polypropylene; NPNW = Needle-Punched Nonwoven; WM = Woven Monofilament; SBNW = Spunbonded Nonwoven

³ Values for AOS represent Maximum Average Roll Value (MaxARV).

⁴ In-plane flow rate measured at 3,600 psf (172 kPa) compressive load and a hydraulic gradient of 0.1.

All technical information contained in this document is accurate as of publication. AWD reserves the right to make changes to products and literature without notice. Please refer to our website for the most current technical information available.



Bowman
Construction
Supply Inc.



Quick
Supply Co.



Cascade
GEOSYNTHETICS

LOCATIONS & CONTACT INFO

ASP ENTERPRISES

aspent.com
salesasp@aspent.com

BOWMAN CONSTRUCTION SUPPLY

bowmanconstructionsupply.com
salesbcs@bowmanconstructionsupply.com

QUICK SUPPLY CO.

quicksupplyco.com
salesquick@quicksupplyco.com

CASCADE GEOSYNTHETICS

cascadegeos.com
salescascade@cascadegeos.com

St. Louis, MO 636.343.4357
Omaha, NE 402.861.8579
Kansas City, MO 816.554.1191
Wichita, KS 316.393.1554

Denver, CO 303.696.8960
Colorado Springs, CO 719.257.7840
Loveland, CO 970.535.0863

Des Moines, IA
515.289.1271

Portland, OR
971.339.1020

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SEDIMENT CONTROL

Inlet Protection

- Grated Inlet, Curb Inlet, Area Inlet Protection

Ditch Checks

- Triangle Silt Dike
- GeoRidge

Perimeter Protection

- High and Low-Porosity Silt Fence, Straw Wattles, Silt Socks
- Safety Fence

Flocculants & Water Treatment

- Polymer-Based & Natural Flocculants

Sediment Basin Skimmers

Dewatering Bags

Trackout Control

- FODS
- Rumble Grates

Turbidity Curtains

EROSION CONTROL

Basic Hydraulically Applied Mulches

- Wood
- Paper
- Blends
- Straw

High-Performance Hydraulically

Applied Products

- BFM
- FGM
- Additives & Tackifiers

Temporary Erosion Control Blankets

- Coir & Jute Mat/Nettings
- Short-Term ECBs
- Extended-Term ECBs

Permanent Erosion Control Blankets

- Turf Reinforcement Mats
- HP-TRMs
- Anchor Reinforced Vegetation System

Structural BMPs

- Transition Mats
- Geoweb Cellular Confinement
- Composite Vegetated Armor System
- Flex MSE Vegetated Wall System
- Articulated Concrete Block
- Gabions
- Grout-Filled Geotextile Mats

Vegetation Establishment

- Native Seed & Turf Seed
- Fertilizers
- Organic Soil Additives
- Stratavault Soil Cells

STORMWATER MANAGEMENT

Water Quality

- Inlet Filter Boxes
- Pre-Treatment Chamber
- Nutrient Separating Baffle Boxes
- High-Flow Biofiltration Media
- Hydrodynamic Separators
- Stratavault

Water Quantity

- Modular Underground Storage Systems
- Chamber Detention Systems

Drainage

- HDPE Swale Liner
- Pipe & Fittings
- Drainage Composites
- Strip Drain

Inlet Structures

- PVC
- Drain Basins, In-Line Drains
- Landscape

Permeable Pavers

- Permeable Articulating Concrete Block
- Grass Pavers
- Gravel Pavers
- Concrete Pavers

SPECIALTY

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Vegetated Reinforced Soil Slopes

Soil Anchors

Root Barrier System

AquaBlok

Muscle Wall

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SEDIMENT CONTROL | REVEGETATION & SOIL AMENDMENTS