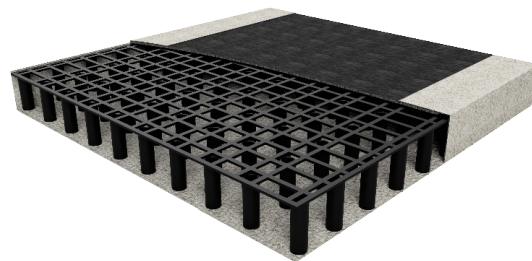


Hydraway is a geocomposite subsurface drainage solution that's composed of a structured high-density polyethylene (HDPE) perforated core that is thermally bonded to a geotextile filter fabric.

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.

Hydraway provides a value engineered solution to the conventional perforated pipe and aggregate subsurface drainage systems. This solution is more durable as it prevents clogs, fungal growth, and disintegration.

Hydraway comes in widths of 6 and 12 inches with a standard length of 150 feet. It can be customized in a variety of lengths and widths upon request.



PROPERTY	TEST METHOD	UNIT OF MEASUREMENT	HY206-A150	HY211-A150
Size		in x ft	6 x 150	12 X 150
GEOTEXTILE¹ - NEEDLE-PUNCTURED, NONWOVEN				
Elongation	ASTM D-4632-91	%	50	50
Grab Tensile	ASTM D-4632-91	lbs	120	120
Puncture Strength	ASTM D-4833-00	lbs	65	65
Mullen Burst Strength	ASTM D-3756-87	psi	225	225
Trapezoidal Tear	ASTM D-4533-91	lbs	50	50
Wide width Tensile	ASTM D-4595	lbs/in	50	50
UV Resistance ²	ASTM D-4355-02	%	70	70
Permittivity	ASTM D-4491-99A	sec	1.8	1.8
Permeability	ASTM D-4751-99A ₄	cm/sec	.21	.21
Flow Rate	ASTM D-4491	gal/min/ft ² ₄	135	135
AOS (EOS)	ASTM D-4751-99A	US standard sieve	70	70
CORE - HDPE				
Compressive Strength	ASTM D-695/1621 ₅	PSF	11,400 (yield)	11,400 (yield)
			16,800 (collapse)	16,800 (collapse)
Flow Rate at 1,500 PSF	ASTM D-47162 ₃	GPM/ft-width	11	21.9
Peel Strength ³	ASTM D-1876	lbs/ft-width	50	50

1. 4 oz fabric.

2. Based on 500 hours of testing.

3. Gradient of 0.1.

4. Values shown are in weaker principal direction. Minimum average roll values are calculated as the typical minus two standard deviations. Statistically, it yields a 97.7% degree of confidence that any samples taken from quality assurance testing will exceed the value reported.

5. Modification was made to an existing ASTM test since a recognized test method had not been established for this type of product at time of testing.



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- Road Grids
- Wall Grids
- Slope Stabilization

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SEDIMENT CONTROL

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- 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

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- 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

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

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- Modular Underground Storage Systems
- Chamber Detention Systems

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

Inlet Structures

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

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

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Muscle Wall

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