

## Description

Enkadrain 9010 is a product consisting of a nylon core of fused, entangled filaments and a geotextile fabric bonded to one side.

## Features and Benefits

- Excellent durability
- Conforms to irregular surfaces and corners with complete and effective coverage
- Continuous flow even under high loads
- Long rolls reduce installation costs by eliminating interlocking and excessive seams

## Recommended Applications

- Planters
- Playgrounds
- Zoos

## Technical Data

### Physical Properties

Property	English Units	Metric Units
Core Material	Nylon 6	
Thickness	0.4 in	10.2 mm
Total Weight	14.1 oz/yd <sup>2</sup>	478.0 g/m <sup>2</sup>
Core Weight	10.9 oz/yd <sup>2</sup>	369.0 g/m <sup>2</sup>
Colbond Compressive Load Test <sup>1</sup>	<30,000 psf	1437.0 kN/m <sup>2</sup>
Durability Characteristics	80% Strength Retention	
Low Temperature	-100° F	-73° C
High Temperature	250° F	121° C
Fuel & Gasoline Submersion	Stable	
Fire Rating	NFPA Class A <sup>2</sup>	
Smoke Density	15	
Flame Spread	25	
Fuel Contribution	0	

<sup>1</sup> Colbond Test Method: ASTM 1621 modified & ASTM D 4716

<sup>2</sup> Will not promote flame spread

\* Failure defined as reaching yield point or no continued measurable flow under stated load

### Packaging

Property	English Units	Metric Units
Product ID	9010-101-000C	
Core Width	39.0 in	99.1 cm
Length	100.0 ft	30.5 m
Area	36.0 yd <sup>2</sup>	30.1 m <sup>2</sup>
Roll Diameter	24.0 in	61.0 cm
Gross Roll Weight	36.0 lbs	15.9 kg

### Colbond Inc.

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# Enkadrain<sup>®</sup> 9010

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Flow Rate	Pressure (psf)	Gal/Min/Ft
	500	5.5
	750	3.5
	1000	2.5
	1500	1.5
	2000	1.0

*\*Typical flow rate vs. pressure for vertical wall applications*

*Hydraulic gradient 1.0 / Sample configuration: plate / Enkadrain 9010 / plate*

Properties	Property	English Units	Metric Units	Test Method
	Polymer	PA6 & PET		Enkadrain 9010
	Weight	3.2 oz/yd <sup>2</sup>	109.0 g/m <sup>2</sup>	ASTM D 3776
	Grab Strength	125.0 lbs	556.0 N	ASTM D 4632
	Grab Elongation	40%	40%	ASTM D 4632
	Trapezoidal Tear	40.0 lbs	178.0 N	ASTM D 4533
	Puncture Resistance	35.0 lbs	155.0 N	ASTM D 4833
	Mullen Burst	160.0 psi	1102.0 kPa	ASTM D 3786
	AOS (maximum average)		0.357 mm	ASTM D 4751
	Flow Rate	185.0 gpm/ft <sup>2</sup>	125.0 l/sec/m <sup>2</sup>	ASTM D 4491
	Permittivity	2.5 sec <sup>-1</sup>	2.5 sec <sup>-1</sup>	ASTM D 4491
	Fabric Color	Grey		

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