

Canal³® 123012

Huesker's Canal³ 123012 is a geocomposite that consists of two (top and bottom) 12 oz/yd² (400 g/m²) polyester nonwovens bonded to 30 mils (0.76 mm) of a polyethylene geomembrane. The Canal³ 123012 geocomposite is inert to biological degradation and naturally encountered chemicals, alkalies, and acids. Canal³ 123012 geocomposite conforms to the nominal values listed in the following table.

Physical Properties of Canal³ 123012

PROPERTY	TEST METHOD	VALUES	VALUES
Mass Per Unit Area	ASTM D-5261	44 oz/yd ²	1,492 g/m ²
Membrane Thickness	ASTM D-5199	30 mils	0.76 mm
Grab Tensile Strength			
• Machine Direction	ASTM D-4632	400 lbs	1,780 N
Grab Elongation			
• Machine Direction	ASTM D-4632	>50 %	>50 %
Trapezoid Tear Strength			
• Machine Direction	ASTM D-4533	180 lbs	800 N
Puncture Strength, (5/16)	ASTM D-4833	200 lbs	890 N
Permeability	ASTM D-4491	Non-measurable	Non-measurable

Roll Size –

- Width – 17 feet (5.2 m) (custom widths up to 25 feet (7.6 m))
- Length – 361 feet (110 m)

Each roll of CANAL³ 123012 geocomposite delivered to the project site is labeled by HUESKER® with a roll label that indicates manufacturer's name, product identification, lot number, roll number and roll dimensions. All rolls of CANAL³ 123012 are encased in a sturdy polyethylene wrap to shield the product from rain, dirt, dust and ultraviolet light. Contact HUESKER for information on our material warranty. .

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