

Canal³® 123012

Huesker's Canal³ 123012 is a geocomposite that consists of two (top and bottom) 12 oz/yd² polyester nonwovens bonded to 30 mils 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
Mass Per Unit Area	ASTM D-5261	44 oz/yd ²
Membrane Thickness	ASTM D-5199	30 mils
Grab Tensile Strength		
• Machine Direction	ASTM D-4632	400 lbs
Grab Elongation		
• Machine Direction	ASTM D-4632	>50 %
Trapezoid Tear Strength		
• Machine Direction	ASTM D-4533	180 lbs
Puncture Strength, (5/16)	ASTM D-4833	250 lbs
Shear Strength	ASTM D-7005	10 lbs/in
Peel Strength	ASTM D-7005	4 lbs/in
Permeability – Constant Head @ 15 PSI	ASTM D-4491	4.5 x 10 ⁻¹¹
Ultraviolet Resistance - Retained Strength @ 500 hrs	ASTM D-4355	90%

Roll Size –

- Width – 17 feet (Custom 25 feet)
- Length – 250 feet

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. .

P.O. Box 411529, Charlotte, NC 28241-1529 • (800) 942-9418 • FAX (704) 588-5988
www.huesker.com