

Canal³® 8208

Huesker's Canal³ 8208 is a geocomposite that consists of two (top and bottom) 8 oz/yd² (270 g/m²) polyester nonwovens bonded to 20 mils (0.51 mm) of a polyethylene geomembrane. The Canal³ 8208 geocomposite is inert to biological degradation and naturally encountered chemicals, alkalies, and acids. Canal³ 8208 geocomposite conforms to the nominal values listed in the following table.

Physical Properties of Canal³ 8208

PROPERTY	TEST METHOD	VALUES	SI-VALUES
Mass Per Unit Area	ASTM D-5261	36 oz/yd ²	1,220 g/m ²
Membrane Thickness	ASTM D-5199	20 mils	0.51 mm
Grab Tensile Strength			
• Machine Direction	ASTM D-4632	300 lbs	1,334 N
Grab Elongation			
• Machine Direction	ASTM D-4632	>50 %	>50 %
Trapezoid Tear Strength			
• Machine Direction	ASTM D-4533	100 lbs	445 N
Puncture Strength, (5/16)	ASTM D-4833	175 lbs	778 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 – up to 361 feet (110 m)

Each roll of CANAL³ 8208 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 8208 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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