

# Tank Anchor Type E

## Data Sheet

### Earthworks and Foundations

TANK ANCHOR TYPE E is a geocomposite comprised of a coated high strength polyester geogrid bonded to a polyester nonwoven geotextile designed for superior anti-buoyancy resistance for underground storage tanks. TANK ANCHOR TYPE E geocomposites are easy to install, unaffected by freeze-thaw conditions and naturally occurring chemical/biological environments. TANK ANCHOR TYPE E conforms to the minimum average roll values (MARV) listed in the following table.

#### Physical Properties of Tank Anchor Type E

PROPERTY	TEST	ENGLISH units <sup>1</sup>	SI units <sup>1</sup>
<b>Mass/ Unit Area</b>	ASTM D-5261	58 oz/yd <sup>2</sup>	1,730 g/m <sup>2</sup>
<b>Aperture Size</b>	Measured	1.2 x 1.2 inch	30 x 30 mm
<b>Tensile Modulus @ 2% (MD)</b>	ASTM D-6637	445,380 lb/ft	6,500 kN/m
<b>Grab Tensile Strength (nonwoven)</b>	ASTM D-4632	205 lbs	912 N

<sup>1</sup>Minimum average roll values are based on a 95% confidence level. MD-Machine Direction

Standard Roll Size: 16.41 ft (5.0 m) wide x 328.1 ft (100 m) long = 598 yd<sup>2</sup> (500 m<sup>2</sup>)  
Weight (includes core) = 2,149 lbs. (975 kg)

*Each roll of Tank Anchor geocomposite delivered to the project site is labeled with a roll label that indicates manufacturer's name, product identification, lot number, roll number and roll dimensions. All rolls of Tank Anchor are encased in a sturdy polyethylene wrap to shield the product from rain, dirt, dust and UV exposure. Contact Fiberglass Tank Solutions for information on our material warranty.*