**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 units1** | **SI units1** |
| **Mass/ Unit Area** | ASTM D-5261 | 58 oz/yd2 | 1,730 g/m2 |
| **Aperture Size** | Measured | 1.2 x 1.2 inch | 30 x 30 mm |
| **Tensile Modulus @ 2%** (MD) | ASTM D-6637 | 445,380 lb/ft | 6,500 kN/m |
| **Grab Tensile Strength** |  |  |  |
| (nonwoven) | ASTM D-4632 | 205 lbs | 912 N |

1Minimum 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 yd2 (500 m2)

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.*

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