

Tank Anchor Type D

Data Sheet



Earthworks and Foundations

TANK ANCHOR TYPE D 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 D geocomposites are easy to install, unaffected by freeze-thaw conditions and naturally occurring chemical/biological environments. TANK ANCHOR TYPE D conforms to the minimum average roll values (MARV) listed in the following table.

Physical Properties of Tank Anchor Type D

PROPERTY	TEST	ENGLISH units ¹	SI units ¹
Mass/ Unit Area	ASTM D-5261	58 oz/yd ²	1,730 g/m ²
Aperture Size	Measured	1.2 x 1.2 inch	30 x 30 mm
Tensile Modulus (MD)	ASTM D-6637	178,100 lb/ft	2,600 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.