

# Tank Anchor®

Data Sheet for Types A, B, C, D, and E

Tank Anchor® is an alternative to the traditional concrete deadmen, straps, and turnbuckles. It is a lightweight option that does not require additional freight and it is easy to install.

Tank Anchor® 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® geocomposites are easy to install, unaffected by freeze-thaw conditions and naturally occurring chemical/biological environments.

Physical Properties of TankAnchor®						
Property	Mass/ Unit Area	Aperture Size	Tensile Modulus @ 2% (MD)	Grap Tensile Strength (nonwoven)	Standard Roll Weight	
Test	ASTM D-5261	Measured	ASTM D-6637	ASTM D-4632	-	
Type A	ENG Units	16 oz/yd <sup>2</sup>	1 x 1 inch	37,700 lb/ft	205 lbs	320 lbs
	SI Units	542 g/m <sup>2</sup>	25 x 25 mm	550 kN/m	912 N	145 kg
Type B	ENG Units	19 oz/yd <sup>2</sup>	1 x 1 inch	78,800 lb/ft	205 lbs	375 lbs
	SI Units	644 g/m <sup>2</sup>	25 x 25 mm	1,150 kN/m	912 N	170 kg
Type C	ENG Units	24.6 oz/yd <sup>2</sup>	1 x 1 inch	137,000 lb/ft	205 lbs	479.5 lbs
	SI Units	834 g/m <sup>2</sup>	25 x 25 mm	2,000 kN/m	912 N	217.5 kg
Type D	ENG Units	58 oz/yd <sup>2</sup>	1 x 1 inch	178,100 lb/ft	205 lbs	1074.5 lbs
	SI Units	1,730 g/m <sup>2</sup>	25 x 25 mm	2,600 kN/m	912 N	487.5 kg
Type E	ENG Units	58 oz/yd <sup>2</sup>	1 x 1 inch	445,380 lb/ft	205 lbs	1074.5 lbs
	SI Units	542 g/m <sup>2</sup>	25 x 25 mm	6,500 kN/m	912 N	487.5 kg

Tank Anchor® conforms to the minimum average roll values (MARV) listed in the following table.

Minimum average roll values are based on a 95% confidence level. MD-Machine Direction

Standard Roll Size: 8.2 ft (2.5 m) wide x 328.1 ft (100 m) long = 299 yd<sup>2</sup> (250 m<sup>2</sup>)

*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.*