Fortrac®150T

Data Sheet

Earthworks and Foundations

HUESKER's Fortrac® 150T geogrid is comprised of high tenacity polyester yarns crafted into a stable interlocked pattern then coated for protection from installation damage and short term ultraviolet exposure. Fortrac® geogrids are easy to install, unaffected by freeze-thaw conditions and naturally occurring chemical/biological environments. Fortrac® is utilized as a tensile element in retaining wall, steepened slope and void bridging applications, to name a few. Fortrac® geogrids are produced at HUESKER's manufacturing facility which has achieved ISO 9001 approval for its systematic approach to quality in development, manufacture, inspection, sales and application support for geosynthetic materials. HUESKER's ISO 9001 certificate is available upon request.

Physical Properties of Fortrac® 150T

PROPERTY	TEST	ENGLISH units[1]	SI units[1]
Mass/Unit Area	ASTM D-5261	13 oz/yd^2	440g/m^2
Aperture Size	Measured	1x1 inch	25 x 25 mm
Percent Open Area	CWO 22125	60%	60%
Ultimate Wide Width Tensile Strength Machine Direction (MD)	ASTM D-6637	10,275 lb/ft	150 kN/m
Elongation at Ultimate Tensile Strength (MD)	ASTM D-6637	≤10%	≤10%
Long Term Design Strength* (MD) Sand, Silt and Clay	GRI GG4(b)	5,514 lb/ft	80.5 kN/m

[1] Minimum average roll values are based on a 95% confidence level. MD-Machine Direction CMD-Cross Machine

Standard Roll Size: 16.41 ft (5.0 m) wide x 328.1 ft (100 m) long = 598 yd^2 (500 m^2)
Weight(includes core) = 535 lbs. (243 kg)

Each roll of Fortrac® geogrid 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 Fortrac® are encased in a sturdy polyethylene wrap to shield the product from rain, dirt, dust and UV exposure. Contact HUESKER for information on our material warranty.