

FORTRAC[®] 30G GEOGRID

FORTRAC 30G IS COMPRISED OF HIGH TENACITY POLYESTER YARNS, CRAFTED INTO A STABLE, INTERLOCKING PATTERN AND THEN COATED FOR PROTECTION FROM INSTALLATION DAMAGE. FORTRAC IS EASY TO INSTALL, UNAFFECTED BY FREEZE-THAW CONDITIONS, AND RESISTANT TO CHEMICAL, BIOLOGICAL AND ULTRA-VIOLET EXPOSURE. FORTRAC 30G IS DESIGNED FOR USE AS SECONDARY REINFORCEMENT FOR WRAPPING THE FACE OF VEGETATED SLOPES. FORTRAC 30G IS PRODUCED AT HUESKER'S MANUFACTURING FACILITY THAT HAS ACHIEVED ISO 9001 CERTIFICATION FOR ITS SYSTEMATIC APPROACH TO QUALITY IN DEVELOPMENT, MANUFACTURE, INSPECTION, SALES AND APPLICATION SUPPORT OF GEOSYNTHETICS.

PHYSICAL PROPERTIES OF FORTRAC 30G GEOGRID

PROPERTY	TEST METHOD	ENGLISH units ¹	SI units ¹
Color	-	Green	Green
Mass/Unit Area	ASTM D-5261	4.7 oz/yd ²	160 g/m ²
Aperture Size	Measured	0.12 x 0.12 inch	3 x 3 mm
Percent Open Area	CW02215	50 %	50 %
Ultraviolet Resistance	ASTM D-4355	90 %	90 %
Ultimate Wide Width Tensile Strength			
Machine Direction (MD)	ASTM D-6637	2050 lb/ft	30 kN/m
Cross Machine Direction (CMD)	ASTM D-6637	960 lb/ft	14 kN/m
Elongation at Break	ASTM D-6637	10 %	10 %
Long Term Design Strength* (MD)			
Sand, Silt and Clay	GRI GG4 (b)	1025 lb/ft	15 kN/m

¹ MARV - Minimum average roll values are based on a 95% confidence level.

Standard Roll Size: 8.2 ft (2.5 m) wide x 656.2 ft (200 m) long = 598 yd² (500 m²)

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 ultraviolet light. Contact HUESKER for information on our material warranty.