

Technical Datasheet

Lotrak[®] 30/30S is a Premium Biaxial Geogrid designed and manufactured to provide ground stabilisation and reinforcement. High strength, combined with low elongation provides effective reinforcement. The aperture design of the geogrid allows the aggregate to interlock and encourages load dispersal, particularly in applications such as paved/unpaved roads and working platforms to name a few.

TEST	STANDARD		Lotrak [®] 30/30S
Tensile Strength (kN/m)	EN ISO 10319	MD	30
		CD	30
Tensile Strength at 2% strain (%)	EN ISO 10319	MD	10.5
		CD	10.5
Tensile Strength at 5% strain (%)	EN ISO 10319	MD	20
		CD	20
Elongation at max. load (%)	EN ISO 10319	MD	12
		CD	12
PHYSICAL ATTRIBUTES			
Grid Spacing/Aperture (mm)	caliper		36 x 36
Rib Thickness (mm)	caliper	MD/CD	2.0/1.6
Rib Width (mm)	caliper	MD/CD	2.7/3.0
Junction Height (mm)	caliper		4.8
Carbon Black (%)	ASTM D1603		≥2
Effect of UV Light	The polypropylene (PP) used contains a UV inhibitor		
Roll Size (m)			3.95 x 50

All products are manufactured under BS EN ISO 9001.

Notes & Declaration

Please note that the product is to be covered within 1 month of installation. Lotrak range of geogrids are predicted to be **durable for more than 100 years** in soil temperatures ≤ 25°. The Lotrak[®] range of geogrids are resistant to highly acid and alkaline environments on the basis of a durability assessment. In regard to dangerous substances, Don & Low Lotrak[®] geogrids contain less than required by national regulations in EU member states.

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