

Technical Datasheet

Lotrak[®] 40/40S 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 [®] 40/40S
Tensile Strength (kN/m)	EN ISO 10319	MD	40
		CD	40
Tensile Strength at 2% strain (%)	EN ISO 10319	MD	15
		CD	15
Tensile Strength at 5% strain (%)	EN ISO 10319	MD	30
		CD	30
Elongation at max. load (%)	EN ISO 10319	MD	9
		CD	10
PHYSICAL ATTRIBUTES			
Grid Spacing/Aperture (mm)	caliper		36 x 36
Rib Thickness (mm)	caliper	MD/CD	2.5/1.7
Rib Width (mm)	caliper	MD/CD	3.5/4.4
Junction Height (mm)	caliper		5.0
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.

Don & Low reserves the right to change specifications or other product information. Don & Low accepts no responsibility or liability for information provided by third parties. No warranties, express or implied, are offered regarding the suitability of any product for your use, as site conditions and customer requirements vary. Should you require further information, please contact us. Products are sold subject to the seller's terms and conditions of sale. No warranty or immunity is offered against infringement of patents or other intellectual property rights.

©Don & Low Limited, 2024. The intellectual property in the products is owned and protected by Don & Low or its licensors.