

GRASS REINFORCEMENT MESH

PRODUCT DESCRIPTION

GrassProtecta™ grass reinforcement mesh is a heavy duty slip resistant polyethylene plastic mesh grid, for reinforcing and protecting grassed surfaces prone to wear, rutting and smearing, which can result in a muddy surface incapable of withstanding vehicular or pedestrian traffic applications.



CHARACTERISTICS	TEST METHOD	LITE	MEDIUM	HEAVY
STRUCTURE			OSCILLATED	
POLYMER		100% RECYCLED HIGH DENSITY POLYETHYLENE		
COLOUR		GREEN		
TENSILE STRENGTH (kN/m) [MD]		8	11	14
YIELD POINT ELONGATION (%) [MD]	ISO 10319	15	22	35
RESIDUAL THICKNESS @500kPa (%)	ASTM D1621	60	80	80
SLIP RISK PTV VALUE(AVERAGE)	BS7976:1-3		>40 (LOW)	

NOMINAL DIMENSIONS	LITE			MEDIUM			HEAVY		
WIDTH (m)	1	2	2	1	2	2	1	2	2
LENGTH (m)	10	10	20	10	10	20	10	10	20
THICKNESS (mm)	10			13			14.5		
WEIGHT/m² (kg)	0.95			1.6			2		
ROLL WEIGHT (kg)	9.5	19	38	16	32	64	20	40	80

Please note that when using recycled HDPE it is difficult to maintain colour consistency with the green mesh. In addition, virgin polymer may be used to manufacture green mesh when recycled green HDPE is in short supply.

1. TCS Geotechnics Ltd reserves the right to alter product specifications without prior notice.
2. It is the responsibility of all users to satisfy themselves that the above data is current.
3. The above figures are average values obtained from testing to current EN ISO standards
4. TCS Ltd cannot accept responsibility for the performance of these products as the conditions of use are beyond our control.
5. Installation details are available on request.

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