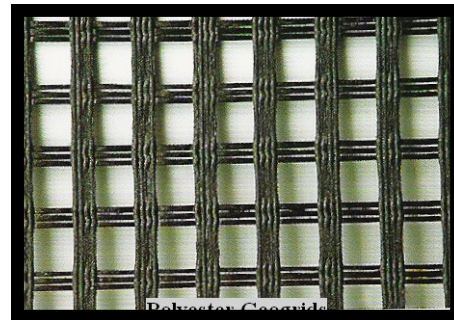


GP Range of Polyester Geogrids. Product Data

GP range of Polyester geogrids are made from high strength Polyester yarns coated with PVC materials, which are used in ground stabilisation and reinforced soil applications. GP range of Polyester geogrids are supplied as Bi-Axial (equal strength in both directions), or as Uni-Axial (Strength in one direction). The geogrids possess high elastic modulus offering low strains and excellent resistance to construction damage and chemical attack. The geogrids are manufactured in accordance to the latest ISO 9001:2000 procedures.

Applications

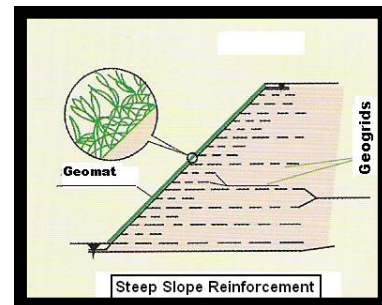
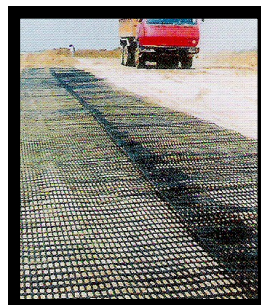
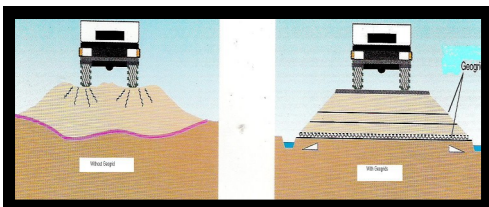
- Reinforced steep slopes and walls.
- Sub-grade reinforcement.
- Sub-base reinforcement.
- Paved and unpaved roads
- Grassed access roads
- Steep embankments.
- Basal reinforcement



Technical Specifications

Product		GP50-50	GP30-30	GP300-30	GP80-80	GP35-20	GP55-30	GP80-30	GP110-30
Material		Polyester	Polyester	Polyester	Polyester	Polyester	Polyester	Polyester	Polyester
Ultimate tensile strength, kN/m EN ISO 10319	Longitudinal	50	30	300	80	35	55	80	110
	Transverse	50	30	30	80	20	30	30	30
Strain at ultimate strength, % EN ISO 10319	Longitudinal	<13	<13	<13	<13	<13	<13	<13	<13
	Transverse	<13	<13	<13	<13	<13	<13	<13	<13
Approximate mesh size, mm		25.4x25.4	25.4x25.4	25.4x25.4	25.4x25.4	25.4x25.4	25.4x25.4	25.4x25.4	25.4x25.4
Roll width, m		1.5-4.0	1.5-4.0	1.5-4.0	1.5-4.0	1.5-4.0	1.5-4.0	1.5-4.0	1.5-4.0
Roll length, m		50-200	50-200	50-200	50-200	50-200	50-200	50-200	50-200

All values are mean with tolerance of +/- 10%
Variable mesh sizes are also available
Strength up to 1000kN/m available



Surrey Geosynthetics Engineering Ltd
 Omnia One, Queen Street, Sheffield, S1 2DG, UK
 Tel ++44 (0) 114 279 2862
 Fax ++44 (0) 114 279 2601
 Mobile: ++44 (0) 7766046344
 Email: info@surreygeosynthetics.com
www.surreygeosynthetics.com