GECO WATERPROOFING SYSTEMS

GEOTEXTILES

Geotextile for applications on roads, railways, earth constructions, foundations and support structures, drainage systems, erosion control, dams & reservoirs, canals, galleries, dumps, projects for liquid containment.

GEOTEXTILE	NORM	200	300	400
Areas of use	F+S (filtering, drainage)			
Mass	UNI EN 965	200 g/m^2 (±5%)	300 g/m^2 (±5%)	400 g/m^2 (±5%)
Thickness	UNI EN 964/1	1,6 mm (±0,5)	2,4 mm (±0,5)	2,8 mm (±0,5)
Tensile strength	UNI EN ISO 10319	MD 2,0 kN/m (-1 kN/m) CMD 2,5 kN/m (-1 kN/m)	MD 3,0 kN/m (-1 kN/m) CMD 3,5 kN/m (-1 kN/m)	MD 4,0 kN/m (-1 kN/m) CMD 4,5 kN/m (-1 kN/m)
Elongation	UNI EN ISO 10319	MD 60 % (±15%) CMD 60 % (±15%)	MD 65 % (±15%) CMD 65 % (±15%)	MD 65 % (±15%) CMD 65 % (±15%)
Dynamic puncture resistance	EN ISO 13433	25 mm (+15 mm)	18 mm (+10 mm)	13 mm (+6 mm)
Static puncture resistance	UNI EN ISO 12236	0,4 kN (-0,15 kN)	0,6 kN (-0,2 kN)	0,8 kN (-0,2 kN)
Pore openings	EN ISO 12956	130 µm (±30 µm)	90 µm (±30 µm)	80 µm (±30 µm)
Impermeability to water	UNI EN IS0 11058	0,130 m/sec (-0,030 m/sec)	0,100 m/sec (-0,030 m/sec)	0,060 m/sec (-0,025 m/sec)
Durability	• To be covered the same day of installation • Estimated durability 5 years for none reinforcement functions in earth with 4<pH <9			

The data reported in this data sheet are based on average values of production and the current state of the art technology. We reserve the right to change these data without notice, based on production technology development and / or experience. No responsibility can be traced to the information contained in this data sheet. The product's compatibility with the specific use intended will be determined by the user.

CE 1213-CPD-3738

GECO S.r.l. - Via Quadrelli 69 - 37055 Ronco all'Adige (VR) – Italy
Tel. +39.045.661.62.46 - Fax +39.045.661.94.92 - info@gecomembrane.com - www.gecomembrane.com