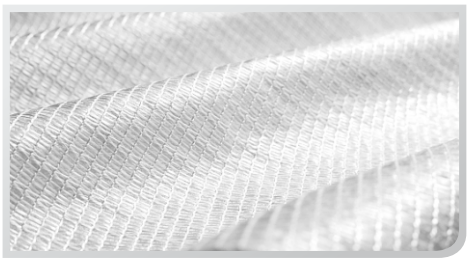
Geolon PET

Product specifications

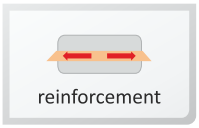


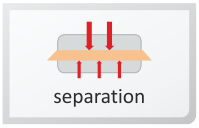
Product description:

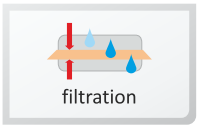
Geolon PET is a woven geotextile made using modern technology. The main production polymer is 100% polyester (**PET**). It is used to construct embankments, retaining structures and steep slopes, linear constructions, waste deposits, drainage systems etc.

1. designed and manufactured exclusively for soil reinforcement
2. low strain in high tension
3. wide range of versions with different tensile strength
4. high subsoil water permeability

Function:







Certificates:

CE

Geolon PET	Tensile Strength		Elongation		Static Puncture (CBR)	Dynamic Perforation (Cone drop test)	Water permeability normal to the plane	Opening Size	Roll			
	longitudinal [kN/m]	transverse [kN/m]	longitudinal [%]	transverse [%]	[kN]	[mm]	[l/m²/s]	[mm]	width [m]	length [m]	area [m²]	weight [kg]
	EN ISO 10319				EN ISO 12236	EN ISO 13433	EN ISO 11058	EN ISO 12956				
PET 100	105	50	10	10	5	12	5	0,075	5	300	1500	420
PET 150	155	50	10	10	5	10	5	0,070	5	300	1500	540
PET 150S	165	165	10	10	12	10	10	0,100	5	200	1000	510
PET 200	210	50	10	10	8	10	5	0,060	5	300	1500	650
PET 300	315	50	10	10	9	10	5	0,060	5	200	1000	600
PET 400	420	45	10	11	12	7	5	0,055	5	200	1000	750
PET 600	660	50	12	11	11	15	5	0,200	5	150	750	840
PET 800	880	100	12	13	11	15	5	0,150	5	100	500	780
PET 1000	1100	100	12	13	11	15	5	0,100	5	100	500	950

Remarks:

Unless indicated otherwise, values are determined according to the applicable European standards and are valid as of the date of this document. Products are subject to continuous development and improvement and these values may change over time.

In case of requirement the delivery of products with different dimensions or other technical data or in the case of interest of technical consultation please contact technical department by e-mail: technika@geomat.eu.

Suplier of product: **GEOMAT s.r.o.**

More information about this product on **www.geomat.eu/en**