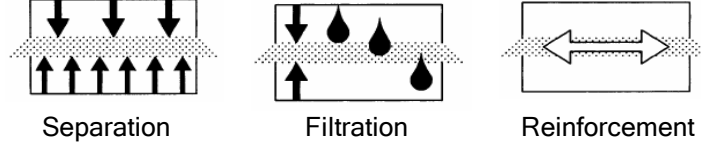


## ISGT 25 x 25

Functions:



Application Areas:

Construction of roads and other trafficked areas		EN 13249	F, R, F+S, R+S, F+R, F+R+S
Construction of railways		EN 13250	F, R, F+S, R+S, F+R, F+R+S
Earthworks, foundations and retaining structures		EN 13251	F, R, F+S, R+S, F+R, F+R+S
Erosion control works		EN 13253	F+R, F+S, R+S, F+R+S
Construction of reservoirs, dams and canals		EN 13254	F, R, F+S, R+S, F+R, F+R+S
Construction canals		EN 13255	F, R, F+S, R+S, F+R, F+R+S
Solid waste disposals projects		EN 13257	F, R, F+S, R+S, F+R, F+R+S
Liquid waste containment projects		EN 13265	F, R, F+R

Technical Properties:

Mechanical Properties				Values	Tolerances
Tensile Strength	MD	EN-ISO 10319	kN/m	25	-3.0
	CD			25	-2.0
Elongation	MD	EN-ISO 10319	%	12.5	± 2.3
	CD			6.7	± 0.4
Dynamic Perforation		EN-ISO 13433	mm	10.3	+1.7
Static Puncture (CBR)		EN-ISO 12236	kN	2.5	-0.1
Hydraulic Properties					
Porometry, O <sub>90</sub>		EN-ISO 12956	µm	155	± 25
Water Permeability		EN-ISO 11058	m/s	10.0x10 <sup>-3</sup>	-3.0x10 <sup>-3</sup>
Durability					
Predicted to be durable for minimum of 25 years in natural soils with 4<pH<9 and soil temperature<25°C (ENV ISO 13438) To be covered within 30 days after installation (EN 12224).					

Physical Properties					
Width			m	5.2	± 0.01
Weight		EN 965	g/m <sup>2</sup>	120	± 7%
Thickness (under 2 kPa)		EN-ISO 9863-1	mm	0.57	± 0.04
Packaging					
Roll Width			m	1.3 / 2.6 / 3.9 / 5.2	
Roll Length			m	100 - 200	± 5%

\* The property values listed above are subject to change without any notice.