



ForTex GG products are geogrids which are composed of knitted and woven polyester yarns in rectangular shape and covered by polymeric base coating.

ForTex GG 120/120 P Technical Properties

Property	Standard	Unit	Values
Tensile Strength (MD)	TS EN ISO 10319	kN/m	≥120
Tensile Strength (CMD)	TS EN ISO 10319	kN/m	≥120
Elongation at Nominal Load (MD)	TS EN ISO 10319	%	10 (+3)
Elongation at Nominal Load (CMD)	TS EN ISO 10319	%	10 (+3)
Mesh Size (MD)	-	mm	29 (±3)
Mesh Size (CMD)	-	mm	35 (±3)
Product Width	-	m	6.00 (±0.1) 5.25 (±0.1)
Roll Length	-	m	50 (±1)

Usage Areas and Usage Function

EN 13249



Highways

EN 13250



Railways

EN 13251



Retaining Structures

EN 13253



Erosion Control

EN 13254



Dams

EN 13255



Canals

EN 13257



Landfill

EN 13265



Liquid Landfill



R Reinforcement

MD: Machine Direction **CMD:** Cross Machine Direction
We also able to produce different roll sizes according to customer requirements. Values are given according to our production control tests and other tests applied at accredited laboratories with our best knowledge. Dimensions are measured on production machine.

After the product is installed, it should be covered as soon as possible and within a maximum 1 month. Products are packed with PE foil packing. Rolls should be stored under cover so that they are not affected by water, oil, mud, sunlight, heat and fire sources.

Products predicted to be durable 100 years in natural soils $4 < \text{ph} < 9$ 25°C according to Annex B of related standards. İstanbul Teknik has the right to change all values at any time without notice.

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