

Miragrid GX - Geogrids

Technical Data

TenCate Miragrid GX uniaxial geogrids are engineered materials suitable for short and long term soil reinforcement applications. They are composed of high modulus polyester fibres, knitted in a flat orientation and covered with a protective polymeric coating.



TenCate Miragrid GX

Properties <small>[Standard]</small>	Unit	GX 35/20	GX 55/30	GX 80/30	GX 110/30	GX 160/30	GX 200/30	GX 400/30	
Mechanical Properties									
Tensile strength <small>[EN ISO 10319]</small>	MD	kN/m	38	58	84	116	168	210	420
	min	kN/m	35	55	80	110	160	200	400
	CD	kN/m	20	30	30	30	30	30	30
	min	kN/m	15	25	25	25	25	25	25
Elongation at nominal strength <small>[EN ISO 10319]</small>	MD	%	10.5	10.5	10.5	10.5	10.5	10.5	10.5
	CD	%	12	12	12	12	12	12	12
Mesh size <small>[+/- 5 mm]</small>	MD	mm	25	25	25	25	25	25	25
	CD	mm	25	25	25	25	25	25	25
Forms of Supply									
Roll width		m	5.2	5.2	5.2	5.2	5.2	5.2	5.2
Roll length		m	100	100	100	100	50	50	50
Roll weight <small>[+/- 10%]</small>		kg	120	150	185	240	160	190	320

MD = machine direction / CD = cross direction

min: These values are given within the 95% confidence level.

For information concerning long term design strength, friction behaviour or other product properties please contact Ten Cate Geosynthetics.

The values given are average values obtained in our laboratories and in accredited testing institutes. The information given in this datasheet is to the best of our knowledge true and correct. However new research results and practical experience can make revisions necessary. The right is reserved to make changes without notice at any time. No guarantee or liability can be drawn from the information mentioned herein.

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