

Notex[®] | 30/| 30-25



Geosynthetics

Reinforcement Geogrid

Characteristics	Standards	Units	Value	Tolerance
Mass per unit area	NF EN ISO 9864 : 2005	g/m ²	410	369 ≤ Val. ≤ 451
Mesh size (MD * CMD)	NF EN ISO 9863-1 : 2016	mm	MD* 30	24 ≤ Val. ≤ 36
			CMD* 40	32 ≤ Val. ≤ 48
Thickness under 2 kPa	NF EN ISO 9863-1 : 2016	mm	2	1,6 ≤ Val. ≤ 2,4
Mechanical Properties				
Ultimate Tensile Strength	NF EN ISO 10319 : 2015	kN/m	MD* 136,00	130 ≤ Val. ≤ NR
			CMD* 136,00	130 ≤ Val. ≤ NR
Elongation at break	NF EN ISO 10319 : 2015	%	MD* 10	8 ≤ Val. ≤ 12
			CMD* 10	8 ≤ Val. ≤ 12
Tensile strength at 3% elongation	NF EN ISO 10319 : 2015	kN/m	MD* 29,6	28,1 ≤ Val. ≤ NR
			CMD* 29,6	28,1 ≤ Val. ≤ NR
Tensile strength at 5% elongation	NF EN ISO 10319 : 2015	kN/m	MD* 51,2	48,61 ≤ Val. ≤ NR
			CMD* 51,2	48,61 ≤ Val. ≤ NR
Stiffness at 5% elongation	NF EN ISO 10319 : 2015	kN/m	MD* 1023,4	972,22 ≤ Val. ≤ NR
			CMD* 1023,4	972,22 ≤ Val. ≤ NR

*MD = Machine Direction

*CMD = Cross Machine Direction

- High tenacity polyester yarns
- Unique « warp-knitting » technology that ensures immediate tension of technical yarns.

NOTEX[®] C - Suitable for -

- Load transfer platforms on Rigid Inclusions
- Retaining walls
- Embankment on low bearing capacity soils , road and railway
- Earth containment (erosion control)

ADVANTAGES

- Openwork structure for better soil /geogrid friction
- Better soil stabilisation
- Avoid problem due to pore pressure

PACKAGING

Standard width : 5,3 m max (other on request)

Standard length : 100 ml (other on request)

Rolls gross weight : 224,7 kg

This information corresponds to our current knowledge on the subject. It is offered solely to provide possible suggestions for your own experimentation. It is not intended, however, to substitute for any testing you may need to conduct to determine for yourself the suitability of our products for your particular purposes. This information may be subject to revision as new knowledge becomes available. Since we cannot anticipate all variations in actual end use conditions, Geosynthetics Limited makes no warranties and assumes no liabilities in connection with this information. Nothing in this publication is to be considered as a licence to operate under or a recommendation to infringe any patent right.