

# GridTex 20/20

## Composite Geogrid

TECHNICAL DATA SHEET	TDS G 001 090
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**Cirtex Composite Geogrids** are geocomposites especially designed for soil stabilisation and reinforcement applications. Cirtex Composite Geogrids are manufactured by bonding a Biaxial Geogrid to a nonwoven polyester geotextile.

GEOGRID INDEX PROPERTIES	TEST METHOD	UNITS	MD VALUES	TD VALUES
POLYMER	-	-	PP	-
MINIMUM CARBON BLACK	ASTM D 4218	%	2	-
TENSILE STRENGTH @ 2% STRAIN	ASTM D-6637	kN/m	7	7
TENSILE STRENGTH @ 5% STRAIN	ASTM D-6637	kN/m	14	14
ULTIMATE TENSILE STRENGTH	ASTM D-6637	kN/m	20	20
RADIAL STIFFNESS @ 0.5%	NOTE 3	kN/m	390	
GEOTEXTILE PHYSICAL PROPERTIES				
POLYMER	-	-	PET	-
MASS PER UNIT AREA	ASTM D 5261	g/m <sup>2</sup>	200	-
ULTIMATE TENSILE STRENGTH	ASTM D 4595	kN/m	14	12
TENSILE ENLARGEMENT	ASTM D 4595	%	50	50
CBR PUNCTURE STRENGTH	ASTM D 6241	N	2300	-
APPARENT OPENING SIZE	ASTM D 4751	mm	0.11	-
FLOW RATE	ASTM D 4491	l / m <sup>2</sup> /s	220	-
DIMENSIONS		3.9m x 50m		

### NOTES:

1. Cirtex Industries Ltd reserves the right to alter product specifications at any time without prior notice. It is the responsibility of all users to satisfy themselves that the above data is current and that the product is suitable for its intended end use.
2. Polypropylene is the constituent polymer used in the production of GridTex.
3. Cirtex Industries Ltd uses internationally recognised test methods to measure radial stiffness, including ISO 10319/ASTM6637 Wide Width testing and DIN 61551 radial testing. Please contact our technical team for more information.



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