GRIDTEX 40/40

COMPOSITE GEOGRID

TECHNICAL DATA SHEET	G 032 010
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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	14	14
TENSILE STRENGTH @ 5% STRAIN	ASTM D-6637	kN/m	28	28
ULTIMATE TENSILE STRENGTH	ASTM D-6637	kN/m	40	40
RADIAL STIFFNESS @ 0.5%	NOTE 3	kN/m	750	
GEOTEXTILE PHYSICAL PROPERTIES				
POLYMER	-	-	PET	-
MASS PER UNIT AREA	ASTM D 5261	g/m2	200	-
ULTIMATE TENSILE STRENGTH	ASTM D 4595	kN/m	14	12
TENSILE ENLONGATION	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 / m² / 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.

ISO 9001
BUREAU VERITAS Certification

This product has been manufactured under the controls established by Bureau Veritas certification approved management system that conforms with ISO 9001:2015. Bureau Veritas Certification certificate number NZ 001784-1