

# Composite Geogrid DUX CG30

DUX Composite Geogrids are especially designed for soil stabilisation and reinforcement applications. DUX Composite geogrids are manufactured in ISO accredited manufacturing facilities by bonding a biaxial PP geogrid to a non-woven polyester geotextile.

Geogrid Property	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	10.5	10.5
Tensile Strength @ 5% Strain	ASTM D 6637	kN/m	21	21
Ult. Tensile Strength	ASTM D 6637	kN/m	30	30
Strain @ Ult. Strength	ASTM D 6637	%	13	13
<b>Structural Integrity</b>				
Junction Efficiency	GRI GG2	%	90	90
Overall Flexural Rigidity	ASTM D 1388	mg-cm	3,930,000	
Aperture Stability	COE Method	mm-N/deg	1432	
<b>Geotextile Physical Properties</b>				
Mass per unit area	ATSM D 5261	g/sqm	200	
Opening Size	ASTM D 4751	mm	0.07	
<b>Dimensions</b>				
Aperture Dimension		mm	36	34
Min. Rib Thickness	ASTM D 1777	mm	2.1	1.8
Roll Width		m	3.90	
Roll Length		m	50	
Roll Weight		kg	107	

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SGS reserves the right to change the product specifications at any time

