

DURAFORCE® GEOTEXTILES

WOVEN GEOTEXTILES

DuraForce® WG technical fabrics are polypropylene, UV stabilised, high strength, black woven geotextile and used for commercial grade weedmat. WG geotextiles conform to the property values listed below. All technical data is based on statistical analysis from internal and external laboratory results. All results published are typical values.

PROPERTY	METHOD	UNIT	WG21
MECHANICAL			
Tensile Strength (MD/CD)	EN 10319	kN/m	20/20
Elongation (MD/CD)	EN 10319	%	18/15
Resistance to Static Puncture	EN ISO 12236	N	2500
Dynamic Perforation Resistance	EN 13433	mm	15
HYDRAULIC			
Characteristic Opening Size (O ₉₀)	EN ISO 12956	µm	200
Water Flow Rate (dh = 50mm)	EN ISO 11058	l/m ² sec	13

NOTES:

1. All the above figures are average values obtained from testing to current EN standard at external institutes.
2. 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.
3. Polypropylene is the constituent polymer used in the production of the WG geotextiles series.
4. To be covered within one month after installation. All above geotextiles are predicted to be durable for more than 50 years in soil temperature >25° C and are resistant to highly acid and alkaline environments on the basis of a durability assessment.

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TECHNICAL FABRICS WG Series	
TECHNICAL DATA SHEET	031 003
ISSUE NUMBER	1
DATE	November 2024



This product has been manufactured under the controls established by a Bureau Veritas certification approved management system that conforms with ISO 9001:2015. Bureau Veritas Certification certificate number NZ002020-1