



AgroMatt W Range

Woven (PP) Agrotexile - Groundcover

AgroMatt Geotextiles are manufactured from 100% virgin polypropylene (PP) polymer and are UV stabilized. These products can be successfully used in horticulture and landscaping applications and perform major functions including separation, filtration and drainage. This environmentally friendly product prevents the use of pesticides and avoids labor intensive weeding between pots and plants.

TECHNICAL DATA SHEET

MECHANICAL PROPERTIES	TEST	UNIT	GC 90 Black/Black	GC100 Black/Black or Black/Green	GC130 Black/Black	GC 100 White
Tensile Strength - MD	EN ISO 10319	kN/m	21	21	21	21
Tensile Strength - XD	EN ISO 10319	kN/m	12	15	20	11
Elongation at break - MD	EN ISO 10319	%	20	20	20	20
Elongation at break - XD	EN ISO 10319	%	24	15	13	14
CBR Puncture Resistance	EN ISO 12236	N	1600	2000	3300	1700
HYDRAULIC PROPERTIES	TEST	UNIT	GC 90	GC100	GC130	GC 100
Water Permeability	EN ISO 11058	l/m ² /s	8	6	8	12
Characteristic Opening Size	EN ISO 12956	µm	250	210	200	180
PHYSICAL PROPERTIES	TEST	UNIT	GC 90	GC100	GC130	GC 100
Polymer Type	100% Virgin Polypropylene					
Thickness under 2 kPa	EN ISO 9863-1	mm	0.42	0.46	0.58	0.46
Mass per Unit Area	EN ISO 9864	g/m ²	90	100	130	100
Roll Width		m	4.2	4.2	4.2	4.2
Roll Length		m	250 / 900	300 / 900	300 / 900	1000
UV guarantee		Mj/m ² - KLY	16720 ≈ 400	16720 ≈ 400	16720 ≈ 400	16720 ≈ 400
Light reflection			NA	NA	NA	75%
DURABILITY	Lines 25cm or squares 25cm x 25cm in Light Blue Tape are woven into the fabric.					
Natural UV Light	EN 12224	Products are UV stabilized .Prolonged exposure to direct sunlight may cause strength losses. Agro textiles have a durability of at least 3 years in northern Europe.				
Oxidation Resistance	EN ISO 13438	Excellent				
Chemical Resistance	EN ISO 14030	Excellent				
Microbiological Resistance	EN ISO 12225	Excellent				

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