



WEEDGARD 80gsm

The Original Quality Landscaping Fabric

WeedGard is a super strong yet lightweight Polypropylene Nonwoven Spunbond Fabric ideal for the prevention of weeds and retention of moisture.

For over ten years Mango Moon Trading has been supplying this long-lasting, environmentally friendly weed barrier to growers, forestry, plant nurseries, home gardeners, landscapers and revegetation projects. It is also used for civil applications such as roadside maintenance and erosion control.

This versatile, permeable mat lets soil breathe, while allowing water and nutrients through. It reduces the use of herbicides and plant loss due to damage caused by mechanical weed control. Labour costs are also contained as a result.

WeedGard, as a cost effective and sustainable solution to weed-control, is used on a variety of crops and farming techniques, including hydroponics where drainage is important. It can be laid over drip irrigation or used with overhead irrigation.

It is available in the following roll sizes:

- 1m x 10m
- 1m x 50m
- 1m x 100m
- 1.5m x 50m
- 1.5m x 100m
- 3m x 100m



80gsm Technical Datasheet

Material description:

Type: Spunbond – STD/UV
Fibre content: Polypropylene
Colour: Assorted
Line: S3
End use application: Industrial

Significant characteristic	Units	Target	LL	UL	Test Method
Spunbond weight	gsm	80	78	82	NWSP 130.1.R0 (15)
Tensile MD @ Break	N/5cm	150	145	-	NWSP 110.1.R0 (15)
Tensile CD @ Break	N/5cm	150	145	-	NWSP 110.1.R0 (15)
Elongation MD @ Break	%	70	50	100	NWSP 110.1.R0 (15)
Elongation CD @ Break	%	70	50	100	NWSP 110.1.R0 (15)
Nail Tear Strength, MD	N	85	80	-	NWSP 110.1.R0 (15)
Nail Tear Strength, CD	N	85	80	-	NWSP 110.1.R0 (15)
Fabric thickness	mm	0.45	0.4	0.5	NWSP 120.6.R0 (15)
Fibre gauge	denier	1.5	1	2.5	Spunchem

Note: NWSP stands for Non-Wovens Standard Procedures

Product Specification

	Average Mass (g/m ²)	Average Tensile Strength EN 12311-11 (Newtons/ 5cm width)		Average Elongation EN 12311-11 (%)		Average Nail Tear Strength EN 12310-1 (Newtons)	
		MD	CD	MD	CD	MD	CD
Minimum	78	170	170	60	60	80	80
Maximum	80						

Note: All testing is carried out to the EN test methods. Fibre denier is between 1.95 and 2.5.