

PGC100 – PP woven Ground Cover

HPBL's PGC100 is a woven ground cover made using polypropylene tapes. It is suitable to use in green house as well as outside for cultivation of vegetables and fruits, landscaping, controlling weed/unwarranted grass etc. It passes through various quality tests performed in accordance to ISO standards as mentioned below.

PGC100 are available both in square grid patterns (5x5 to 25x25 cm) and in straight line marker pattern. Ground covers can be made both on flat loom and on circular looms to offer as per request.

Particular	Standard	Unit	Values	Tolerance
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Mechanical Properties

Weight	EN ISO 9864	g/m ²	100	+/- 5
Tensile Strength- MD= Machine Direction	EN ISO 10319	kN/m	20	-2
Elongation MD= Machine Direction	EN ISO 10319	%	15	+ 3 /- 1
Tensile strength- CMD= Cross Machine Direction	EN ISO 10319	kN/m	15	-2
Elongation CMD= Cross Machine Direction	EN ISO 10319	%	15	+ 3 /- 1
Static Puncture Resistance (CBR)	EN ISO 12236	N	2400	-200

Hydraulic Properties

Water Flow/Permeability (h=100 mm)	EN ISO 11058	L/m ² .sec	20	-10
Opening Size (O90)	EN ISO 12956	μm	200	+50/-50

Rolls Sizes

Length Of Roll	As requested, standard linear length is 100 m to 1000 m
Width Of Roll	50 cm to 530 cm

UV Stabilization

Europe	6 Years
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