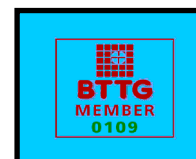




## GROUND FAB



## Product Data Sheet

### GC100

**GC100** is a polypropylene woven fabric. It is manufactured at one of Synthetic Packaging Ltd facilities that have achieved ISO 9001:2000 certification for its systematic approach to quality. The construction of the groundcover fabric makes **GC100** ideal for use in both greenhouses and outside applications. Can be used from professional growers, as well as small gardeners, for cultivation of fruits and vegetables, for weed control (\*), in gardens or parks landscaping, in orchards or nurseries. **GC100** conforms to the property values listed below:

PROPERTY	TEST METHOD	TOLERANCE	METRIC UNITS	
<b>MECHANICAL</b>				
Tensile Strength (MD/CD)	EN 10319	Minimum	kN/m	16/13
Elongation (MD/CD)	EN 10319	± 30%	%	17/13
<b>HYDRAULIC</b>				
Water Flow Rate	EN 11058	± 30%	l/min/m <sup>2</sup>	1260
<b>PHYSICAL</b>				
Mass/Unit Area	EN 9864	± 5%	gr/m <sup>2</sup>	100
<b>ENDURANCE (**)</b>				
UV Resistance (Black fabric)	EN 12224	Maximum	kLy	700

#### NOTES:

ISSUED: 30/10/2006. Replace all prior versions

- The property values listed are effective 30/10/2006 and are subject to change without notice.
- Values reported in weaker principle direction. MD indicates Machine Direction and CD indicates Cross Machine Direction.

(\*) It is necessary to make a specific preparation of the ground with pesticides, before installing the groundcover, to increase the weed control efficiency. You can't use pesticides after installing the groundcover, because that will reduce the life endurance of the fabric. Some weeds are very difficult to eliminate, so you must consult an agriculturalist. Thrace Plastics gives no guarantee about total elimination of weeds at the places that the fabric is being installed.

(\*\*) The life endurance of the fabric is expressed in kLy to 50% of retained strength. 140 kLy is approximately equivalent to 1 year exposure to Southern Spain. The above endurance values are based on indoors quality control tests, in a weathering accelerator (QUV Panel), and cannot be compared with outdoor exposure values. Any comparison is only an assumption and Thrace Plastics gives no guarantee of that. Also we cannot accept any responsibility of the conditions of use, because these are beyond our control. Use of chemicals, pesticides, insecticides, even the chemical structure of objects in contact with the groundcover (e.g. pots) may result in chemical degradation of the fabric. Degradation may also occur faster than expected due to environmental parameters, unusual conditioning and climate of the covered area.

(\*\*\*) The standard widths of the groundcover fabrics are 105, 210, 330, 420, 525 and the standard lengths are 100, 200, 1000, 2000 linear meters.

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