

# TPC100

## Product Data Sheet



**TPC100** is a polypropylene woven groundcover fabric. It is manufactured at one of Thrace Nonwovens & Geosynthetics SA facilities that have achieved **ISO 9001:2015** certification for its systematic approach to quality as well as **ISO 14001:2015** for its safe environmental practices. The construction of this product makes **TPC100** ideal for use both in greenhouses and outdoor applications. It can effectively control weed flora, helping users maximize their yields. It can be used by professional and amateur growers, for cultivation of fruits, vegetables and ornamental plants in nurseries, greenhouses etc, as well as for landscaping. **TPC100** conforms to the property values listed below:

PROPERTY	TEST METHOD	TOLERANCE	ENGLISH UNITS		METRIC UNITS	
<b>MECHANICAL</b>						
Tensile Strength (MD/CD)	ISO 13934-1	Average	lbs/in	103/91	kN/m	18/16
Elongation (MD/CD)	ISO 13934-1	± 30%	%	19/15	%	19/15
<b>HYDRAULIC</b>						
Water Flow Rate	EN 11058	± 30%	gpm/ft <sup>2</sup>	22	l/min/m <sup>2</sup>	900
<b>PHYSICAL</b>						
Mass/Unit Area	EN ISO 9864	± 5%	oz/yd <sup>2</sup>	2.95	gr/m <sup>2</sup>	100
<b>ENDURANCE</b>						
UV Resistance (Black fabric)	EN 12224	Maximum	kLy	700	kLy	700
UV Resistance (Beige fabric)	EN 12224	Maximum	kLy	420	kLy	420
UV Resistance (Green fabric)	EN 12224	Maximum	kLy	420	kLy	420

<b>STANDARD PACKAGING</b>						
Roll Width	Measured	1.05, 2.10, 3.30, 4.20, 5.25	m	(-2%)		
		3.4, 6.9, 10.8, 13.8, 17.2	ft	(-2%)		
Roll Length	Measured	100, 200, 1000, 2000	m	(-2%)		
		328, 656, 3280, 6560	ft	(-2%)		