

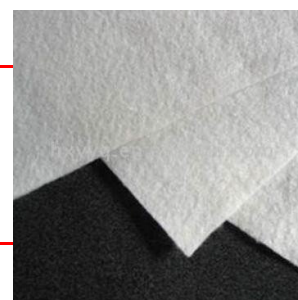
## 1. Product

### GEOTESAN® NT 11

## 2. CE mark



1035-CPD-ES033858  
GEOTEXAN S.A.  
CE Marking: 2004



Norms EN 13249:2014, Norms EN 13250:2014, Norms EN 13251:2014, Norms EN 13252:2014, Norms EN 13253:2014, Norms EN 13254:2014, Norms EN 13255:2014, Norms EN 13256:2014, Norms EN 13257:2014, Norms EN 13265:2014. Nonwoven geotextile composed of 100% polypropylene virgin fibres mechanically joined by a needled process and a later thermofixation, which gives higher mechanic resistances. Geotextile for use in roads and other traffic areas (highways, airport runways, parking areas, approaching ways, etc), railways construction, hydraulic works (guiding of river, channels, irrigation ditch, pools and coast), areas with soil movements, foundations, retaining structures, drainage systems, erosion control (slope protection and covering). This Geotexan geotextile can be used with different applications: To separate, filtering, drainage and reinforcement.

Specification	Test Method	Unit	Value
Tensile strenght	MD CD	EN ISO 10319	kN/m 6'50 (- 13'00%) 7'00 (- 13'00%)
Elongation at break	MD CD	EN ISO 10319	% 55'25 (± 7'32) 61'49 (± 6'36)
Dynamic Cone Drop		EN ISO 13433	mm 36'52 (+ 7'00)
CBR puncture resistance		EN ISO 12236	kN 1'11 (- 0'05)
Characteristic opening size O90		EN ISO 12956	µm 71'00 (± 21'0)
Permeability		EN ISO 11058	m/s 0'117 (- 0'035)
Water flow capacity in the plane	gradient q20/1'0 gradient q200/1'0	EN ISO 12958	m <sup>2</sup> /s 3'45.10 <sup>-6</sup> (-30%) 1'09.10 <sup>-6</sup> (-30%)
Durability			-Cover in the day of the installation for reinforcement and two weeks for other application. Avoid to put the geotextiles in contact with other products that they can damage or modify it. EN 12226: 2001; EN 12224: 2001; EN 12225: 2001. -Durability planned for a minimum of 100 years on natural soils with 4<pH<9 and a temperature <25° C. EN 12447: 2002; EN 13438: 2005; EN 14030: 2002.

## 3. Additional Specifications

Specification	Test Method	Unit	Value
Weight	EN ISO 9864	g/m <sup>2</sup>	90 (± 10'00 %)
Thickness under 2 kPa	EN ISO 9863-1	mm	1'05 (± 23'8 %)
Roll width	-	m	2'75/5'5
Roll length	-	m	100
Roll diameter	-	cm	33
Roll weight	-	kg	24'75/49'50

The information contained herein replaces any previous information, and all specifications and technical data appearing here must be used as guidelines, since they correspond to average values tested at laboratory. These values may be subject to change or to modification without prior notification. Geotexan is not responsible for a bad use of it.

