



# T-DRAIN 6 84 12F TG

Year of last update: 2024



Function: Drainage

**STRUCTURE:** HDPE geonet with one Polypropylene (PP) geotextile heat laminated

## FILTER GEOTEXTILE

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Raw material			<b>PP</b>	
Weight	EN ISO 9864	g/m <sup>2</sup>	<b>120</b>	-10%
Water permeability normal to the plane	EN ISO 11058	mm/s	<b>90</b>	+/-30
Opening size	EN ISO 12956	micron	<b>&lt;170</b>	

## GEONET

Raw material (+ UV st.)			<b>HDPE</b>	
Density	ASTM D 1505	g/cm <sup>3</sup>	<b>&gt;0,94</b>	

## GEOCOMPOSITE

Thickness at 2 kPa/200 kPa	EN ISO 9863-1	mm	<b>6,3/5,8</b>	+/-20%
Weight	EN ISO 9864	g/m <sup>2</sup>	<b>960</b>	-10%
Tensile strength MD/CMD	EN ISO 10319	kN/m	<b>14/11</b>	+/-20%
Elongation at max load MD/CMD	EN ISO 10319	%	<b>60/70</b>	+/-30%
<b>HYDRAULIC PERFORMANCES</b>				
Plane flow capacity MD, i=1, R/R	EN ISO 12958	l/(m·s)		+/-30%
		<i>Hydraulic gradient</i>	<i>i = 1</i>	
		Load: 20 kPa	<b>1,91</b>	
		" 50 kPa	<b>1,71</b>	
		" 200 kPa	<b>1,3</b>	
		" 400 kPa	<b>0,9</b>	

S/S: Soft/Soft Contact - S/R: Soft/Rigid Contact - R/R: Rigid/Rigid Contact

## STANDARD DIMENSIONS

Width	m	<b>3,6</b>	+/-3%
Length	m	<b>45</b>	+/-3%

To be covered within one month after installation



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