



T DRAIN 4,2 50 12F TG

Year of last update: **2021**

Function: **Drainage**



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

FILTER GEOTEXTILES

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

GEONET

Raw material (+ UV st.)			HDPE	
Density	ASTM D 1505	g/cm ³	>0,94	

GEOCOMPOSITE

Thickness at 2 kPa / 200 kPa	EN ISO 9863-1	mm	4,2/3,8	+/-20%
Tensile strength MD/CMD	EN ISO 10319	kN/m	12/9	+/-20%
Elongation at max load MD/CMD	EN ISO 10319	%	60/70	+/-30%

HYDRAULIC PERFORMANCES

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	1,26	
		" 50 kPa	1,11	
		" 200 kPa	0,71	
		" 400 kPa	0,43	

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

STANDARD DIMENSIONS

Width		m	3,6	+/-3%
Length		m	60	+/-3%

MD: Machine direction
CMD: Cross machine direction



The information given in this data sheet is to the best of our knowledge true and correct. TeMa srl reserves the right to change its product specifications at any time. It is the responsibility of the specifier and purchaser to ensure that product specifications used for design and procurement purposes are current and consistent with the products used in each instance.

TeMa Technologies and Materials srl

Via dell'Industria 21 - 31029 Vittorio V.to (TV) Tel. +39.0438.50.31 - Fax +39.0438.50.34.60 - e-mail: info@temacorporation.com - www.temacorporation.com

std

2021

REV.0