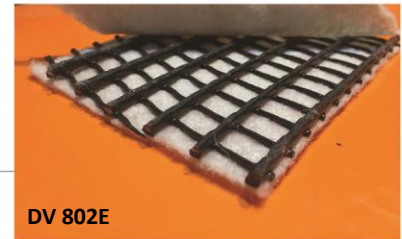
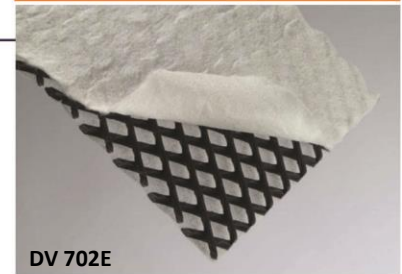


UNIDRAIN- TECHNICAL DATA SHEET


DV 802E

DV 702E

Properties (Standard)		Unit	DC 701 E	DC 801 E	DC 702 E	DV 802 E
Type Of Product		-	Geocomposit :(Geonet+Filter Geotextile on one side)		Geocomposit :(Geonet+Filter Geotextile on both side)	
In plane-flow rate q-MD i=1	20 kPa	l/ms	1.26	1.91	0.62	1.40
	50 kPa		1.11	1.71	0.51	1.25
	200 kPa		0.76	1.30	0.35	1.00
	400 kPa		0.43	0.90	0.24	0.65
In plane flow rate q-MD i=0,1 [ISO 12958, hard-hard, Specimen size 380x300 mm]	20 kPa	l/ms	0.23	0.43	0.11	0.30
	50 kPa		0.20	0.39	0.09	0.27
	200 kPa		0.13	0.30	0.06	0.18
	400 kPa		0.10	0.20	0.04	0.16
Thickness [EN ISO 9863-1]	2 kPa	mm	4.5	6.3	5.2	6.6
	20 kPa	mm	4.3	6.1	4.8	6.4
	200 kPa	mm	4.0	5.8	4.2	6.0
Tensile Strength	MD/CD	Kn/m	12/9	15/10	19/17	21/12
Elongation	MD/CD	%	50/50	50/50	50/50	60/40
Thickness Under creep-load (pressure 100 kpa) after 25 years (eytrapolated) [EN 1897]		mm	-	-	4.0	6.0

Properties (Standard)	Unit	All Grades	Forms of supply	unit	
Filer Geotextile:					
Type of Product	-	Nonwoven	Dc 701 & 702 Width* Length	m	2
Raw material	-	100% PP	Dc 801 & 802 Width* Length	m	20
CBR Puncture resistance [D 4833]	kn	1.1		m	1.2
Cone drop test (hole diameter) [EN ISO 13433]	mm	30		m	20
Water permeability (vertical) [EN ISO 11058]	l/m ² s	90		*The filter Geotextile projects by 10 cm on one side each over the edge of the Geonet.	
Opening size O90 [EN ISO 12956]	mm	<0.17			
Mass per unit area [EN ISO 9864]	g/m ²	200			

Geonet			The values given are average values obtained in our laboratories and in testing institutes. The right is reserved to make changes without notice at any time
Raw material	-	Polyethylene(HDPE)	
Reduction of thickness under lon gterm load [EN 1897-01, 1000 Std., 200 kPa]	%	<35	
Mass per unit Area DC 701 & 702	gr/m ²	750 gr	
Mass per unit Area DV 801 & 802	gr/m ²	1000 gr	