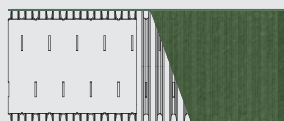


GREEN
(GEOTEXTILE)

BLUE
(LINES)



Application Standard
EN ISO 9969

Reference Standard
DIN 4262-1
NF P 98-332

Assembled with
Connection couplers with hooks
End caps with hooks
Tee branch 90°
Spacers

Patent protected
1008995, 1009158

REACH
Compliant

ROHS
Compliant

Application fields

- subsoil drainage in buildings, stadiums and surrounding areas
- industrial and commercial applications
- photovoltaic parks
- agricultural applications
- landfills
- uncontrolled landfills road networks

GEODRAIN® PLUS

Double structured wall perforated pliable corrugated conduit with built-in Geotextile

Properties

Type	R2 (DIN 4262-1)
Raw material	Halogen free, heavy metals free (RoHS) and specially stabilized thermoplastic HDPE
Ring Stiffness (EN ISO 9969) (acc. to EN ISO 9969)	SN 4 KN/m ²
Chemical resistance (acc. to DIN ISO 10358)	Yes
Ageing resistance	Yes (5 years)
Halogen & heavy metal free	Yes
Rodent repellent	Not attractive to rodents
Color marking (acc. to NF P 98-332)	Longitudinal blue stripes

Perforation properties

Degrees of perforation (acc. to DIN 4262-1)	360° - TP (totally perforated)					
Perforation area (acc. to DIN 4262-1)	OD63 - OD125: >50cm ² /m, OD160: >120cm ² /m, OD200: >90cm ² /m					
Perforation slot number	6 symmetrically distributed holes per 60°					
Nominal diameters (OD)	63	90	110	125	160	200
Perforation length (mm)	11	13	17	18	19	22
Perforation width (mm)	1,5	1,5	1,5	1,5	1,6	1,6
Perforation number per meter	312	287	255	223	403	268
Perforation area (cm /m ²)	≥50	≥50	≥50	≥50	≥100	≥90

Geotextile Characteristics

Raw material	Green PP, needle-punched, non-woven fabric and heavy metals free (RoHS)
Mass/Unit Area EN ISO 9864 (gr/m ²)	150 (-15)
Thickness EN ISO 9863-1 (mm)	0.75 (± 0.2)
Tensile Strength (MD) EN ISO 10319 (kN/m)	10.0 (-1.5)
Tensile Strength (CMD) EN ISO 10319 (kN/m)	10.0 (-1.5)
Tensile Elongation (MD) EN ISO 10319 (%)	38 (±15)
Tensile Elongation (CMD) EN ISO 10319 (%)	45 (±18)
Resistance to Static Puncture (CBR) EN ISO 12236(N)	1900 (-250)
Dynamic Puncture Resistance (cone drop test) EN ISO 13433 (mm)	26 (+6.5)
Characteristic Opening Size (O ₉₀) EN ISO 12956 (µm)	85 (±30)
Water permeability (q _N) EN ISO 11058 (l/m ² /s)	60 (-18)

Part number	DN / OD mm	ID mm	Bending radius	 m	 13.6m
2028063	63	47	0.25	50	14.000
2028090	90	74	0.36	50	7.000
2028110	110	91	0.44	50	4.500
2028125	125	105	0.50	50	3.500
2028160	160	135	0.64	25	1.900
2028200	200	170	0.80	25	1.225