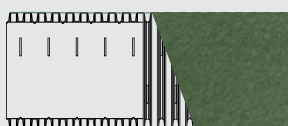


GREEN
(GEOTEXTILE)

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 rigid 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 (acc. to ISO 9969)	SN 4 KN/m ² SN 8 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)	220° - LP (Locally perforated)			
Perforation slot number	5			
Nominal diameters (OD)	110	125	160	200
Perforation length (mm)	20	22	20	22
Perforation width (mm)	1,5	1,5	1,6	1,6
Perforation number per meter	185	191	267	220
Perforation area (cm /m ²)	≥50	≥50	≥50	≥50

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 SN4 / SN8	DN / OD mm	ID mm	m 	 13.6m
1012110 / 1013110	110	91	6	4.800
1012125 / 1013125	125	105	6	3.072
1012160 / 1013160	160	134	6	2.520
1012200 / 1013200	200	169	6	1.800