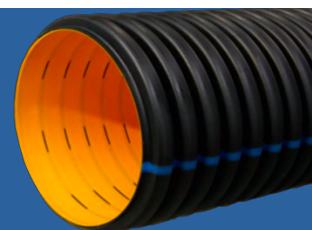


Saniflex DWC

HDPE geopipe

Double-walled corrugated slotted drainage pipe



Our **geopipes** have an innovative double wall construction, with a corrugated outer wall and a smooth inner wall. This combines high ring stiffness with excellent flow characteristics. Rows of water in-take slots are symmetrically arranged around the apex of the pipe (240°) with a flow channel at the bottom (120°). The high infiltration area combined with thin inner wall structure ensures optimum water intake and reduces potential for biological clogging. The smooth core with an extremely low roughness coefficient results in greater flow rates, allowing the use of smaller diameter pipes.

TECHNICAL DATA SHEET

PROPERTIES	
Material	PE100
Applications	Drainage of waterlogged soils (agricultural land, sports grounds, parks, golf courses) Drainage for Civil Works (e.g. roads, motorways, railways, foundations on constructions sites) Fluid Capture (e.g. landfill biogas and run-off)
Wall Structure	Corrugated double wall outside - smooth inside
Perforations	240° (bars)
UV Resistance	High
Stiffness Classes	SN4 (≥ 4 kN/m ²) or SN8 (≥ 8 kN/m ²)
Density	960kg/m ³
Melt Mass-Flow Rate (MFR)	190°C / 5kg / 10min
Joining System	Socket & Spigot jointing

DIMENSIONS						
Inside Dia. (mm)	100	150	200	250	300	400
Outside Dia. (mm)	111	167	224	280	336	448
Slot Length (mm)	25	35	50	65	80	95
Slot Width (mm)	1.5	2	2	2.5	2.5	3.5
No. of Slots per meter	190	130	100	85	70	50
Bar Length (m)	6 ($\pm 2\%$)					

The listed technical values are guiding values, achieved in the manufacturer's laboratories and/or independent testing institutes. The products are subject to changes without prior notice.



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