

Questionnaire on the Structural Sizing of Pipelines Laid by Horizontal Directional Drilling (HDD) in Accordance with DWA A-127

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Your details

Project: _____

Company: _____ Contact person: _____

Street: _____ Town/ZIP: _____

Phone no.: _____ E-mail: _____

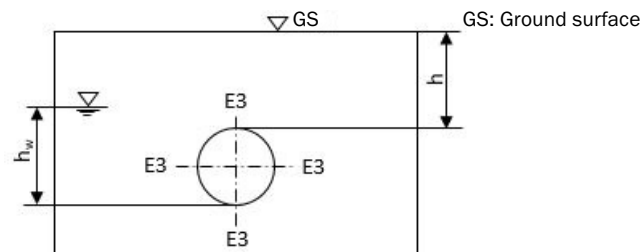
Pipe

Nom. diameter DN: _____ Pipe material: _____

Outside diameter: d _____ [mm] Service temperature: _____ [°C]

Wall thickness: e _____ [mm] Medium: _____

Placement conditions



Cover height h: min. _____ [mm]
max. _____ [mm]

Specific weight of the in situ soil: _____ [kN/m³]

Soil characteristics

In situ soil E3	Soil group	Proctor density	Modulus of deformation
	G _____	D _{Pr} _____ [%]	E _{v3} : _____ [N/mm ²]
G1: non-cohesive soils (GE, GW, GI, SE, SW, SI)	G3: cohesive mixed soils, silt (GU*, GT*, SU*, ST*, UL, UM)		DIN
G2: slightly cohesive soils (GU, GT, SU, ST)	G4: cohesive soils (TL, TM, TA, OU, OT, OH, OK, UA)		18196

Live loads

Trucks 12t Trucks 30t Trucks 60t LM1 No live load

Comment: _____

Groundwater above pipe bottom

Non-existent

Existent, with min. _____ [mm] max. _____ [mm] ground water h_w above pipe bottom

Please enclose any other information required for calculation separately!

Place, date: _____ Signature: _____