

Twin Wall Pipe

DS 625 E 0804



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Technical Data

Advanced high stiffness twin wall pipe

Kind of Duct	Twin Wall pipe corrugated outside and smooth wall inside available in HDPE or PP with ring stiffness of 3,15 kN/m ² for Type 1 and 8,00 kN/m ² for Type 2 both suitable for all kind of drainage application e.g. highways, single track roads, fields, construction areas for preferred use in 3-5 m ground depth without heavy traffic loads for Type 1 and with heavy traffic loads for type 2..
Applications	Drainage of e.g. highways, fields, landfill, single track roads, construction areas, Sewage,
Norm	DIN 4262 part 1, British TWPA, British BRF
Ring Stiffness	Ring stiffness according ISO 9969 is 3,15kN/m ² for Type 1 and 8,00 kN/m ² for Type 2
Available Design	<ul style="list-style-type: none"> • Non perforated • Top perforated, 220° with 15% open area(>50 cm²/m) for water intake • 360° perforated
Sizes	Available ID/OD pipe sizes in mm Type 1 100/120, 150/177, 200/232, 250/289, 300/345, 350/398 Type 2 200/225, 250/282, 300/339, 400/452, 500/565, 600/679, 800/906, 1000/1134
Length	Available length up to 12000 mm
Advantages	<ul style="list-style-type: none"> • High durability and expected service life of 100 years • Perfect pipe elasticity can react to environment soil settlements • Neglect able minor axial pipe extensions due to pipe profile acting as an anchor soil • Perfect deformation stability performance due loads are diverted to pipe surrounding soil • Low maintenance and cleaning costs • Safe and field approved pipe system • Safe and perfect joint tightness • Best chemical resistance • Best mechanical resistance (abrasion and impact resistance, low fractures) • Best hydraulic due to smooth inner surface. No infiltration or exfiltration, no root penetration • High flexibility • Easy to handle (low weight) • High temperature resistance (-40°C to +80°C)
Jointing	Integrated Socket/spigot with EPDM rubber sealing
Installation	Preferred installation depth 3-5 m without heavy traffic loads and without ground water
Material	High Density Polyethylen Grade PE 80 color black acc ASTM D 3350 PE 345444 C, DIN 8075 and BS 6437
Fittings	All kind of fittings e.g. bends, tees, flanges, stub ends, manholes, shafts, transitions
Prefabrication	We offer pre-assembly of above components at our factory or job site assistance and service in the field.

Contact us for more details.

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