

HDPE PRESSURE PIPE

DS 610 E 0804



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Technical Data

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Advanced solid pressure pipe in PE 80 or PE 100

Kind of Duct	Solid pressure pipe with smooth surface inside and outside available in HDPE material grade PE 80 or PE 100 suitable for all kind of civil engineering pipe work including areas with heavy traffic loads as well as ground water.
Applications	Sewage, Natural gas transport, Drinking water, Marine pipelines, Water outlets/discharge, Industrial, Landfill, Industrial mining, Relining, Potable water, Vents, Drainage, Cooling water
Production Norm	ASTM D 3035, F 714, EN 13244, ISO 161-1. Production certified to ISO 9001
Wall thickness	Standard Dimension Ratio SDR classes 7-32 available
Pipe colors	<ul style="list-style-type: none"> • Sewage pipe in black or black with brown lines • Drinking water pipes in blue or black with blue lines • Natural gas pipes in yellow (PE80) or orange (PE100) or black with yellow lines (PE 80) • Corrosion protection pipes in black • Industrial pipes, Vent pipes, Cooling water pipes, Industrial mining pipes, Landfill pipes, Drainage and water outlets in black
Sizes	20 – 1600 mm in SDR classes 7-32.
Length	Standard length 5,8 or 11,8 m. Coils available for small sizes. Other length on request.
Advantages	<ul style="list-style-type: none"> • High durability and expected service life of 100 years • Low maintenance and cleaning costs • Safe and perfect welding or 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	<ul style="list-style-type: none"> • Buttwelding according ASTM D 2657, DVS 2207 or BS 5955 Part 7 • Electrofusion with electrofusion fittings • Big variety of non welding connection fittings • Big variety of transitions to other pipe materials
Material	High Density Polyethylen Grade PE 80 or PE 100 acc ASTM D 3350 min grade PE 345444 C, or ISO 1872
Fittings	All kind of fittings e.g. bends, tees, flanges, stub ends, transitions, shafts, manholes, couplers
Options	<ul style="list-style-type: none"> • Perforated or slotted pipes for drainage • Co-extruded white inner layer for improved tv-inspections • HR-High Resistance pipe with improved rigid external layer for trench less pipe installation methods • HRA pipe with improved external layer and incorporated permeation stop layer
Installation Service	We offer welding and pipeline installation from approved welding specialists.
Welding Equipment Rental	We offer big variety of welding equipments for rental or sale and service in the field.

Contact us for more details.

Discover PESTEC. Discover our ideas.

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