

HDPE PE 100 RT PIPE

DS 618 E 0812



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Technical Data

Advanced PE 100 RT with raised temperature resistance performance up to 95°C

Kind of Duct	Solid or multilayer pipe suitable for applications demanding high temperature fluid transports in all kind of civil engineering pipe work including areas with heavy traffic loads as well as ground water.
Applications	High temperature fluid transports in industrial, relining, hot water pipe, radiator heating, under floor heating, cable protection, food
Production Norm	ISO 24033 Type II, ISO 10508 application classes 1,2,4,5, ISO 22391, Food contact compliance Production certified to ISO 9001
Wall thickness	Standard Dimension Ratio SDR classes 7-32 available
Pipe colors	<ul style="list-style-type: none"> • Standard pipe, cable protection, industrial in black • Drinking water pipes in blue or black with blue lines • Under floor heating in blue, red and white • Other colors on customers request
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"> • Extra high operation temperature resistance of -40°C to +95°C at excellent long-term hydrostatic strength. Thermal short term stability +110°C. • Predicted service life of > 100 years @60°C, > 30 year @80°C, > 20,,> 10 years @90°C, > 6 years @ 95°C • Excellent ESCR > 1000 hrs, FNCT > 350 hrs, OIT > 40 min, Hoop stress > 20.000 hrs @110°C • 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)
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 acc ISO 24033 Type II
Fittings	All kind of fittings e.g. bends, tees, flanges, stub ends, transitions, shafts, manholes, couplers
Options	<ul style="list-style-type: none"> • HDPE PE 100 RC with raised crack resistance performance • Co-extruded white inner layer for improved tv-inspections • 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.

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