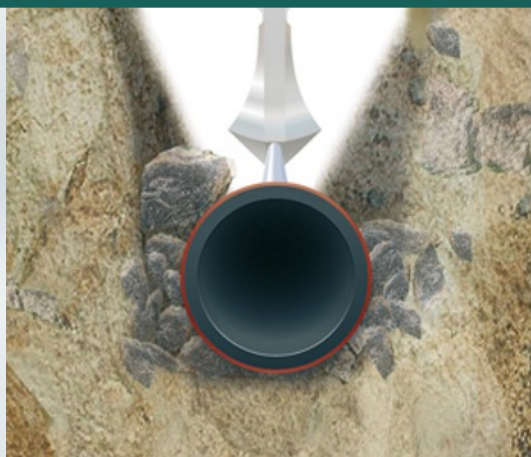
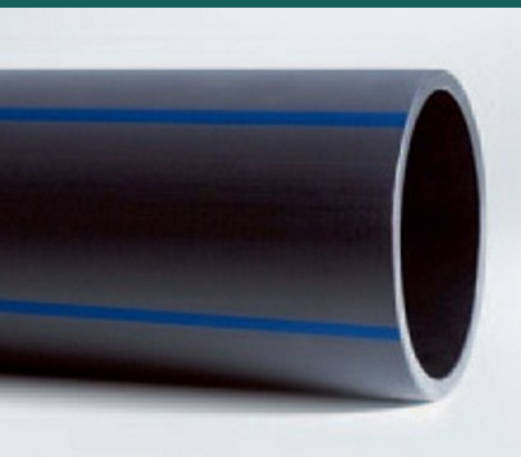


## HDPE PE 100 RC PIPE

DS 617 E 0812



## HDPE PE 100 RC PIPE

Technical Data

**Advanced PE 100 RC single or multilayer pipe with raised crack resistant performance including slow crack propagation and high point loads**

<b>Kind of Duct</b>	Solid pressure pipe with smooth surface inside and outside suitable for all kind of civil engineering pipe work including areas with heavy traffic loads as well as ground water.
<b>Applications</b>	Sewage, Natural gas transport, Drinking water, Marine pipelines, Water outlets/discharge, Industrial, Landfill, Industrial mining, Relining, Wash boring method, Potable water, Vents, Drainage, Cooling water
<b>Production Norm</b>	PAS 1075 Type ½ ASTM D 3035, F 714, EN 13244, ISO 4427, ISO 161-1, pr EN 12201. Production certified to ISO 9001
<b>Wall thickness</b>	Standard Dimension Ratio SDR classes 7-32 available
<b>Pipe colors</b>	<ul style="list-style-type: none"> <li>• Sewage pipe in black or black with brown lines</li> <li>• Drinking water pipes in blue or black with blue lines</li> <li>• Natural gas pipes in yellow (PE80) or orange (PE100) or black with yellow lines (PE 80)</li> <li>• Corrosion protection pipes in black</li> </ul>
<b>Sizes</b>	20 – 1600 mm in SDR classes 7-32.
<b>Length</b>	Standard length 5,8 or 11,8 m. Coils available for small sizes. Other length on request.
<b>Advantages</b>	<ul style="list-style-type: none"> <li>• High durability and expected service life of 100 years</li> <li>• Low maintenance and cleaning costs</li> <li>• Safe and perfect welding or joint tightness</li> <li>• Best chemical resistance</li> <li>• Best mechanical resistance (abrasion and impact resistance, low fractures)</li> <li>• Best hydraulic due to smooth inner surface. No infiltration or exfiltration, no root penetration</li> <li>• High flexibility</li> <li>• Easy to handle (low weight)</li> <li>• High temperature resistance (-40°C to +60°C)</li> </ul>
<b>Joining</b>	<ul style="list-style-type: none"> <li>• Buttwelding according ASTM D 2657, DVS 2207 or BS 5955 Part 7</li> <li>• Electrofusion with electrofusion fittings</li> <li>• Big variety of non welding connection fittings</li> <li>• Big variety of transitions to other pipe materials</li> </ul>
<b>Material</b>	High Density Polyethylen acc ASTM D 3350 min grade PE 345444 C, or ISO 1872
<b>Fittings</b>	All kind of fittings e.g. bends, tees, flanges, stub ends, transitions, shafts, manholes, couplers
<b>Options</b>	<ul style="list-style-type: none"> <li>• Perforated or slotted pipes for drainage</li> <li>• Multilayer white inner layer for improved tv-inspections</li> <li>• HR-High Resistance pipe with improved rigid external layer for trench less pipe installation methods</li> <li>• HRA pipe with improved rigid external layer and incorporated permeation stop layer</li> </ul>
<b>Installation Service</b>	We offer welding and pipeline installation from approved welding specialists.
<b>Welding Equipment Rental</b>	We offer big variety of welding equipments for rental or sale and service in the field.

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