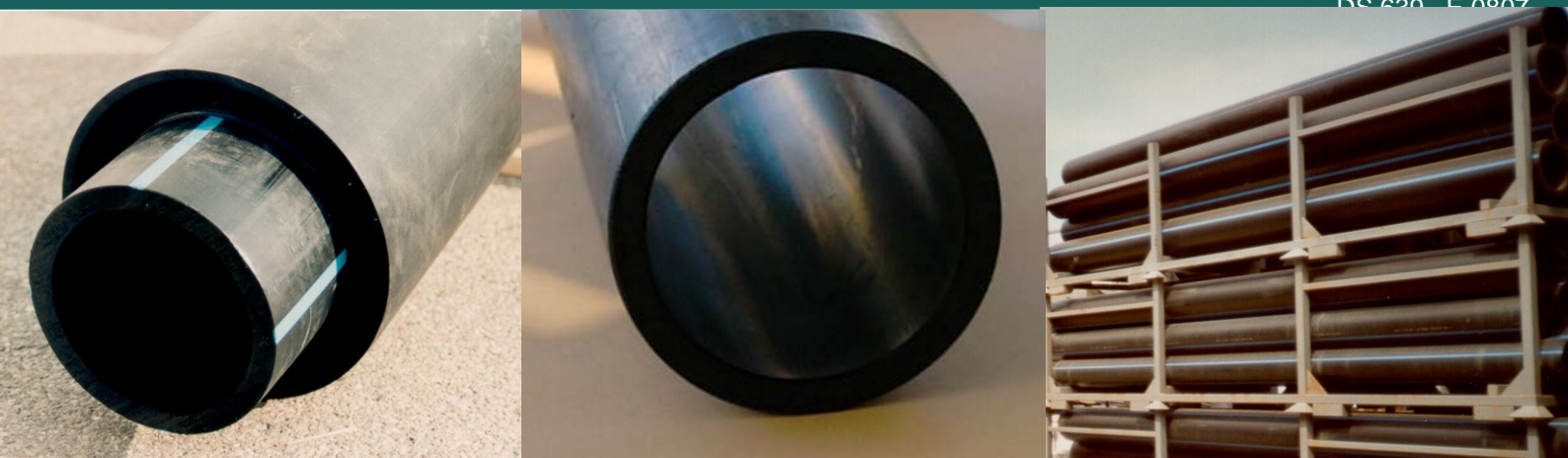


FLUORINATED HDPE FUEL PIPE

DS 620 E 0907



FLUORINATED HDPE FUEL PIPE

Technical Data

Advanced fluorinated HDPE Fuel Pipe with permeation barrier

Kind of Duct	Solid pressure pipe with inner and outer fluorinated liner for permeation barrier available in HDPE material grade PE 80 or PE 100 suitable for all kind of fuel pipeline applications including areas with heavy traffic loads as well as ground water. The fluorination surface modification treatment bond fluorine atoms and hereby create the barrier layer.
Applications	Fuel pipelines, Sewage Fuel, Tank facilities at Petrol Stations, Airports, Ports, Refineries, Contaminated areas
Production Norm	In accordance with ASTM D 3035, F 714, EN 13244, ISO 4427, ISO 161-1. Production certified to ISO 9001
Wall thickness	Standard Dimension Ratio SDR classes 7-32 available
Pipe Color	Standard color black. Other colors on request.
Sizes	20 – 630 mm in SDR classes 7-32 equal to pressure of 4-25 bar (55- 350 PSI)
Length	Standard length 5,8 or 11,8 m. Other length on request.
Advantages	<ul style="list-style-type: none"> • High durability and expected service life of 50 years • Low maintenance and cleaning costs • Safe and perfect welding or joint tightness • Best hydrocarbon diffusion resistance for all kind of petroleum products like (Oil, Fuels, Diesel, Bio diesel, Kerosene, Motor fuels, Paraffin) • Best chemical resistance • Best mechanical resistance (abrasion and impact resistance, low fractures) • Best hydraulic due to smooth inner surface. • 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
Material	High Density Polyethylen Grade PE 80 or PE 100 acc ASTM D 3350 min grade PE 345444 C, or ISO 161-1
Fittings	All kind of fittings e.g. bends, tees, flanges, stub ends, transitions, shafts, manholes, couplers
Options	<ul style="list-style-type: none"> • Fuel 2 HDPE pipe. Double layer pipe with modified PBT inliner. • Fuel 3 HDPE pipe. Triple layer pipe with modified PBT inliner and extra high resistance outside liner. • Fuel 4 HDPE pipe. Triple layer pipe with modified PA inliner • Double Wall HDPE pipe system
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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