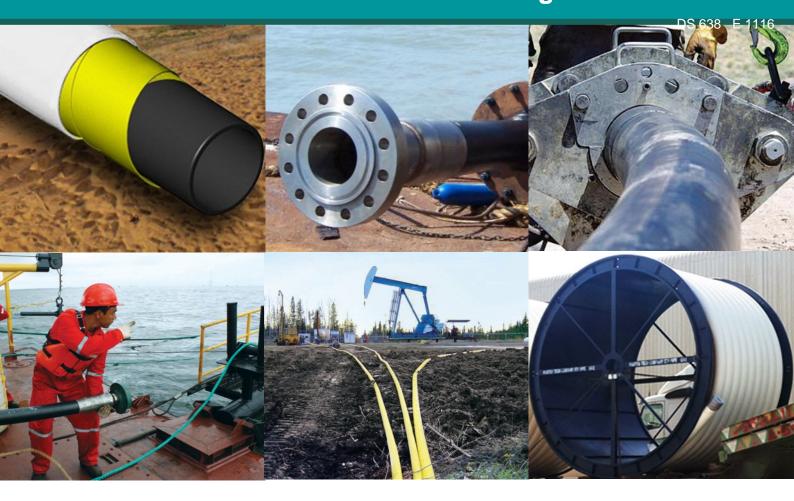


RTP HS HDPE PIPE – High Pressure





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Technical Data

Pipe System for high pressure applications made of HDPE polyolefin material.

Kind of Pipe 3 Layer synthetic steel reinforcement pipe system

Application Gas distribution, oil well hook-up lines, water injection, flow lines in buried, offshore or

onshore/under water installation

Materials Inner HDPE PE 100 liner, Mid layer of steel, Cover layer of uv-stabilized PE 100

RTP HS Pipe RTP HS Pipe is available for pressures from 64 bar – 100 bar operating pressure

Sizes ID 75 - 150 mm

Duct Length Coils of 185 – 2000 m depending on size

Material Properties HDPE Polyethylene PE 100

Colors White. Other colours on request.

Product Properties Advantages of RTP HF Pipes

 High pressure flexible plastic pipeline system. Max continuous operating pressure 64-120 bar depending on size. Max HDB – Hydrostatic Design Basis 80-150 bar.

• Minimum bending radius of only 1,0 -2,0 m (depending on size) can avoid fittings like bends

• Easy and fast onshore installation up to 1000 m/day

 Easy and fast offshore underwater installation up to 1000m/day by big savings in less pipe laying barge rental days

Low friction, high throughput. Flow capacity of RTP HS pipe size 5' is same as 6' steel pipe due

· Fully corrosion resistant

No maintenance

· Low friction, high throughput

very low inner HDPE friction

• High Impact Strength

• Good Fire resistance

• Max Gas Service temperature 20°C

• Max Hydrocarbon Fluid and Water Service temperature 65°C

• Subsea shallow water installation up to -30m

· Very cost effective compared to steel pipe in corrosive environments

Special connection fittings for pipe to pipe, pipe to other fittingsFlange coupler

Bends, Tees, Crosses, Reducers and Flanges available

Certified Standards API 17J, API 17K, API 15S

Fittings

Customer Approvals KOC, Saudi Aramco, Oman Oil

Options RTP LF (<40 bar @ 65°C))

RTP MF / MF-RT (40-100 bar @ $65/85^{\circ}$ C) RTP HF / HF-RT (64-120 Bar @ $65/85^{\circ}$ C) RTP HS / HS-RT (50-100 bar @ $65/85^{\circ}$ C) RTP US / US-RT (100-160 bar @ $65/85^{\circ}$ C)

LPS - Line Pipe System

Contact us for more details.

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contact@pes-tec.com

www.pes-tec.com