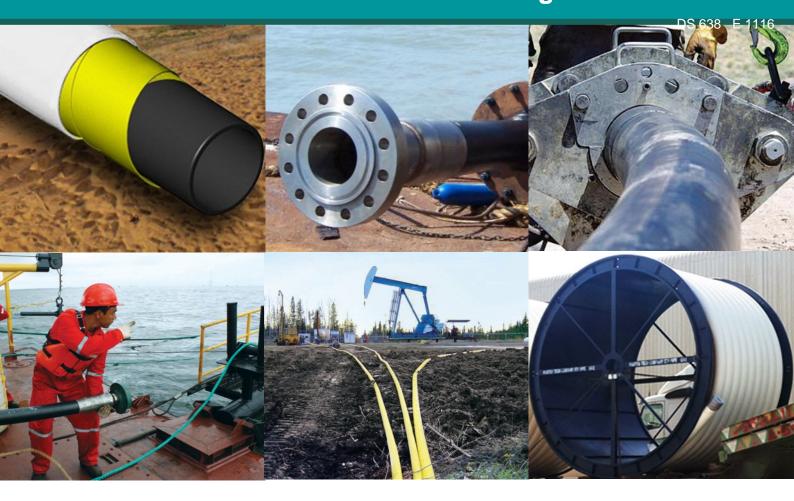


## RTP US HDPE PIPE – High Pressure





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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 US Pipe RTP US Pipe is available for pressures from 100 bar – 150 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 US Pipes

 High pressure flexible plastic pipeline system. Max continuous operating pressure 100-150 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 US 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

Jointing

• Special connection fittings for pipe to pipe, pipe to other fittings

Flange coupler

**Fittings** Bends, Tees, Crosses, Reducers and Flanges available

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

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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