

RTP FP HDPE PIPE – Ultra High Pressure

DS 634 E 1013



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Technical Data

Pipe System for highest pressure applications made of HDPE polyolefin material with economic price.

Kind of Pipe	3 Layer polyethylene and synthetic fiber or galvanize steel cord 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 synthetic fibre or steel cord, Cover layer of uv-stabilized PE 100
RTP FP Pipe	RTP FP Pipe is available in RTP FAP 100/82 for water pressures up to 100 at max 82°C or RTP FGP 137/65 for pressures up to 137 bar at max 65°C temperature.
Sizes	ID 50 - 100 mm
Duct Length	Coils of 525 – 785 m depending on size
Material Properties	HDPE Polyethylene PE 100
Colors	White. Other colours on request.
Product Properties	<p>Advantages of RTP-FP Pipes</p> <ul style="list-style-type: none"> • High pressure flexible plastic pipeline system • 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 FP pipe size 4' is same as 4' steel pipe due very low inner HDPE friction • Fully corrosion resistant • No maintenance • Low friction, high throughput • High Impact Strength • Good Fire resistance • Max Gas Service temperature 20°C • Max Hydrocarbon Fluid and Water Service temperature 82°C • Max Water pressure 137 bar • Under water installation up to -30m • Very cost effective compared to steel pipe in corrosive environments
Jointing	<ul style="list-style-type: none"> • Special connection fittings for pipe to pipe, pipe to other fittings • Flange coupler
Fittings	Bends, Tees, Crosses, Reducers and Flanges available
Standards	API 17J, API 15S
Certifications	

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