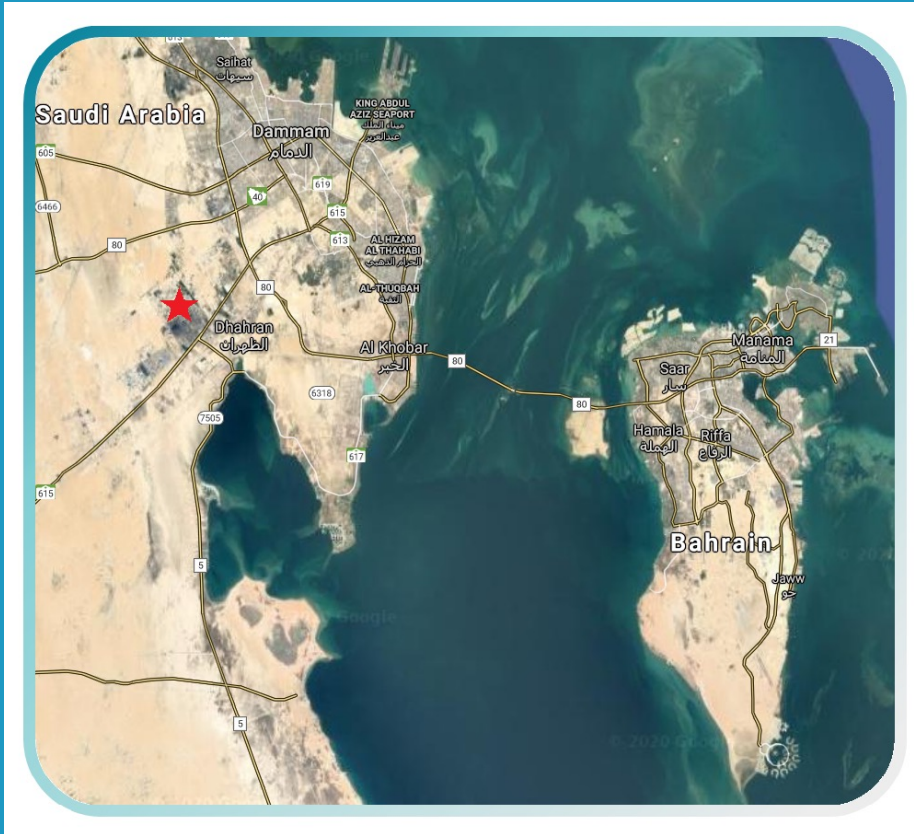




tech

Where innovation conducts quality

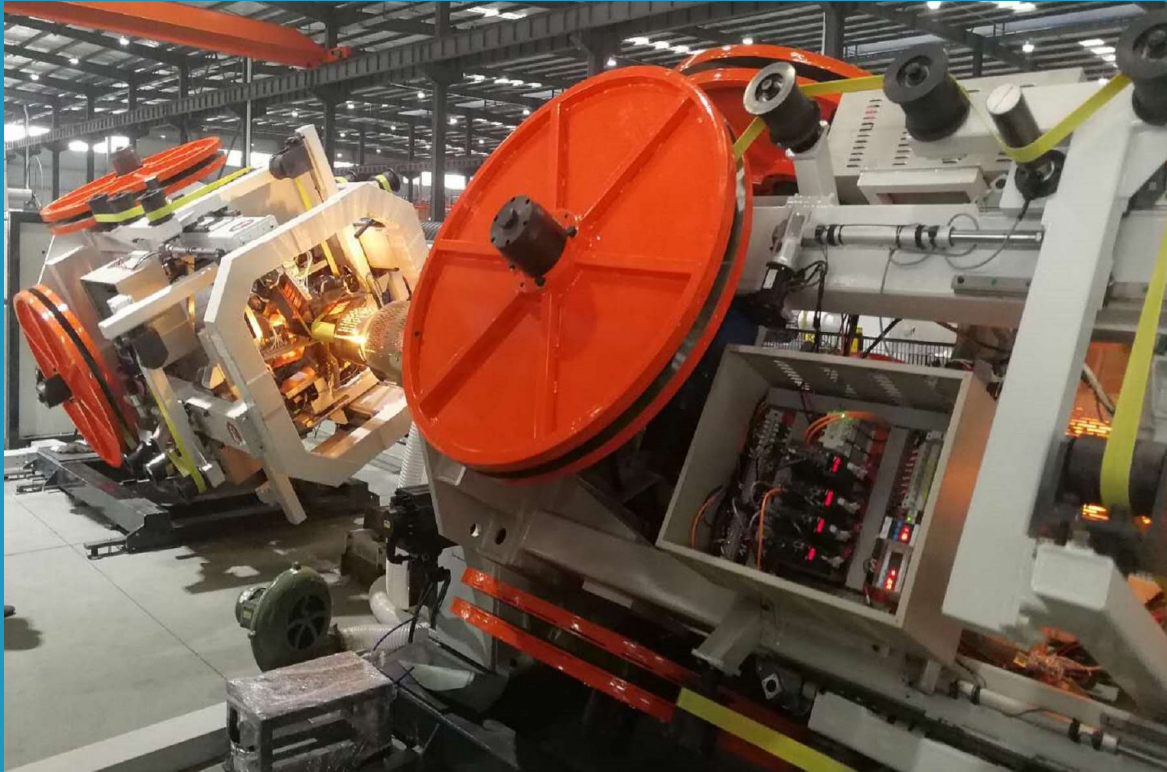


Flexible Pipe Technologies works closely with its clients to reach the next level of Flexible Composite Pipe by continuing to seek product improvement and innovation thereby obtaining and maintaining customer satisfaction.

The corporate mission statement of FPT is to be a leader in design, manufacture supply and installation of spoolable reinforced thermoplastic pipe. The company strives for excellence in supply Reinforced Thermoplastic pipe utilizing swaged and/or crimped pipe assemblies primarily for use in the Oil and Gas industry for both onshore and offshore applications.

Flexible Pipe Technologies

The company is located at 7027 Makkah Al Mukaramah, Dammam 2nd Industrial City, Kingdom of Saudi Arabia



FPT use wrapping technology allowing for the production of both Metallic or Non-mettalic reinforcement tapes

Flexible Pipe Technologies

FPT Introduction and production information



FPT use spiral winding equipment with bespoke design winders for higher pressure non-metallic reinforced pipe.

Flexible Pipe Technologies

FPT Introduction and production information



Carbon steel is susceptible to high levels of erosion and corrosion, C.S can also suffer from internal scale build up thereby reducing pipeline performance

Reinforced Thermoplastic pipe:

- No Corrosion
- No Scaling
- 20 Year design life when installed in direct sunlight
- Design life buried 50 years

Flexible Pipe
Technologies

Flexible Pipe Technologies RTP reasoning



Flexible Composite Pipe

Flexible Pipe Technologies produces reinforced thermoplastic pipe in accordance with the standard

API-15S

**Non-Metallic
reinforcement**



**Metallic
reinforcement**

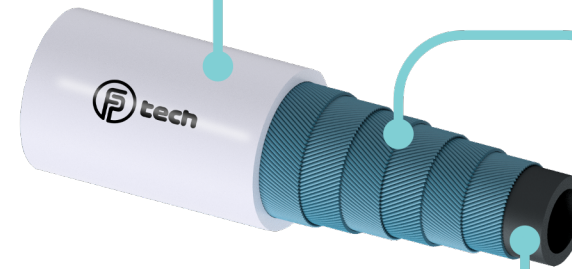


Flexible Composite Pipe

Reinforced Thermoplastic Pipe (RTP) is a multi-layer pipe, the pipe has a composite build-up it can be tailored to the specific application by selection of the most suitable materials for the intended service:

- Sour Gas
- Sweet Gas
- Sour Crude
- Sweet Crude
- Water Injection

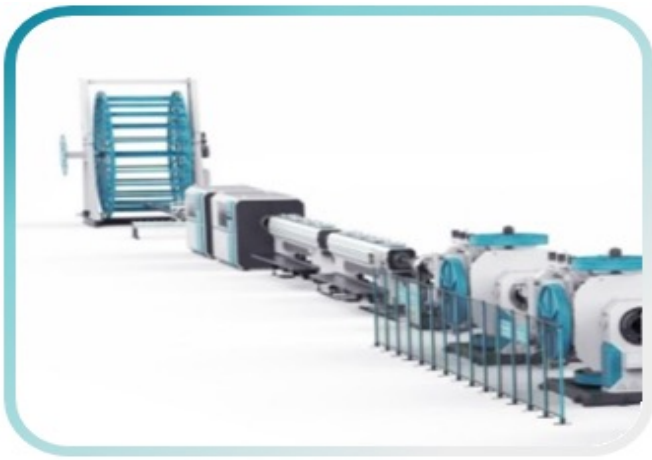
The optimized FP-tech flexible composite pipe outperforms conventional steel pipe solutions by operating at the correct pressure and temperature with zero erosion and corrosion resulting in longevity of service life.



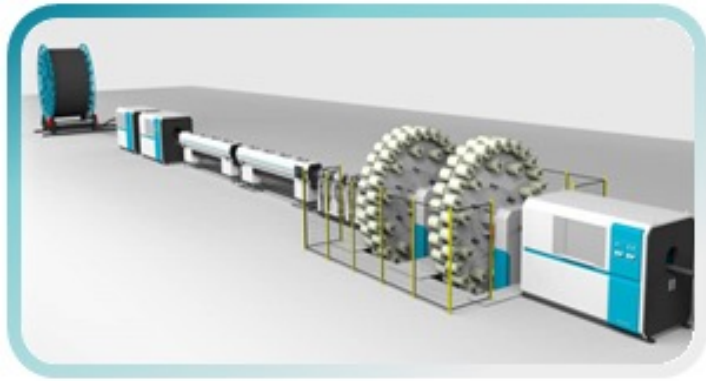
Thermoplastic Cover

Reinforcement

Thermoplastic Liner



- **Wrapping technology**
high precision reinforcement placing
best in class operating pressures



- **Spiralling technology**
lower pipe investment costs
hitting that long service life without erosion and
corrosion issues

Flexible Composite Pipe

Flexible Pipe Technologies is the only company in the GCC region to offer two distinct types of reinforcement technology production platforms. These production lines are FP-tech specific designs to obtain optimal product performance and field operating range.

Diameter	Pressure PSI	Temperature C	Reinforcement	
			Mettalic	Non-Mettalic
4 inch	1500	65	Y	Y
4 inch	2250	65	Y	Y
4 inch	3000	65	Y	Y
4 inch	1500	82	Y	Y
4 inch	2250	82	Y	Y
4 inch	3000	82	Y	Y
6 inch	1500	65	Y	Y
6 inch	2250	65	Y	Y
6 inch	3000	65	Y	Y
6 inch	1500	82	Y	Y
6 inch	2250	82	Y	Y
6 inch	3000	82	Y	Y
8 inch	1500	65	Y	Y
8 inch	2250	65	Y	Y
8 inch	3000	65	N	Y
8 inch	1500	82	Y	Y
8 inch	2250	82	Y	Y
8 inch	3000	82	N	Y

Standard pipe specifications



Maximum production capacity 500 klms per annum

Flexible Composite Pipe

FPT has inhouse testing capability, FPT can design a pipe specifically to meet the client's requirements.



Burst testing
Hydrostatic testing
Temperature testing
Rapid crack propagation
Impact testing
Cyclic fatigue testing

Flexible
Composite Pipe

FPT in house Flexible Composite Pipe testing facilities

Flexible Composite Pipe

In tandem with our installation technical partner FPT offers a full supply installation and commissioning service



Flexible Composite Pipe

Laying and jointing



FPT use either crimp or swaged connection fittings



Thank You



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