Ultimate Flexible & Cost Effective

H.A.T-FLEX
Company Introduction
02 —— 03
H.A.T FLEX TECHNOLOGY
04 —— 05
Benefits of Using H.A.T Flex Line Pipe
06 —— 07
Products Families
08 —— 09
Case Study
10 —— 11
STANDARDS AND CERTIFICATION
12 —— 13
HE BEI HENG AN TAI PIPELINE

Spoolable RTP Line Pipe
Company

Introduction
Hatflex is a marketing leader in providing advanced flexible and fiber reinforced composite pipe for onshore and offshore oil, gas, water and methanol, H₂S, CO₂ line pipe applications where a flexible, non-corrosive, high pressure pipeline is required. Hatflex provides the largest diameter and highest temperature and pressure rated product in the industry. Our products are manufactured completely under an API Q1, ISO/TS 29001 quality management system and the products comply with API RP 15S, GOST 224800.
The country’s largest flexible Composite pipe manufacturing base
HATFLEX Spoolable RTP Line Pipe consists of an inner thermoplastic pressure barrier that is reinforced by high-strength glass fibers, aramid fiber, steel wire rope embedded in an epoxy matrix. It is intended for corrosive oil/gas gathering and water, methanol injection and multiphase liquid transmission applications including general and sour produced fluids and gases. It is available with high-density polyethylene or high-temperature polyethylene pressure barriers with temperature ratings to 140°F and 180°F respectively.
Benefits of Using

H.A.T Flex Line Pipe
Install in 40-70% of the time, 35-65% lower installed cost than welded steel line pipe
- Minimal manpower and equipment requirement
- No welding, field bending, coating or X-ray costs
- Zero operational maintenance
- Extremely lower life cycle costs

Economic

Technical
- Increased durability and reliability
- Improved safety and reduce environment disturbing
- 100% corrosion free
- No scaling, higher flow capacity compared with same size steel pipes
- Standardized and reliable connection systems

Applications Include
- Alternative to Steel line pipe
- Oil & Gas Gathering and flowline
- CO2, SH, Water disposal & injection and transmission
- Multiphase liquid Transmission & Utility Pipelines
- Rehabilitation of corrosive oil/gas/water/multiphase liquid steel pipelines
Aramid Fiber Reinforced Series
- Operation Temperature Range: -35~90℃
- Inner Diameter: 2”~8”
- Max Operation Pressure: 32MPa
- Application: Mainly used for oil, gas gathering, distribution and flowing line and high pressure multiphase liquid transmission

Glass Fiber Reinforced Series
- Operation Temperature Range: -35~90℃
- Inner Diameter: 1”~8”
- Max Operation Pressure: 32MPa
- Application: Mainly used for oil, gas gathering, distribution and flowing line and high pressure multiphase liquid transmission, water, methanol injection.

Polyester Yarns Reinforced Series
- Operation Temperature Range: -35~60℃
- Inner Diameter: 1”~8”
- Max Operation Pressure: 32MPa
- Application: Mainly used for high pressure multiphase liquid transmission, water, methanol injection.

Steel Wire Rope Reinforced Series
- Operation Temperature Range: -35~90℃
- Inner Diameter: 2”~8”
- Max Operation Pressure: 32MPa
- Application: Mainly used for shallow water (less than 90m depth) oil, gas transmission and high pressure multiphase liquid transmission, water, methanol injection.
Case Study

PCOC Oil Field Methanol and Water Injection Pipeline

- Location: CNPC PCOC 3rd Oil Production Plant
- Time: from 2003-2010
- Application: Water and Methanol injection pipeline
- Pipe: DN17 PN32MPa -4000KM , DN40~90 PN16~25MPa-1000KM

Middle Taklimakan Desert Gas Field Desulfurization Project

- Location: Xijiang Taklimakan
- Time: Jun.2009
- Application: Gas and Condensate, water transmission
- Operation Pressure: 9.2 Mpa
- Operation Tem: 58.2 ℃
- Pipe: RFQ-102-16-16Mpa, 3600M
PCOC Zhenbei and Xifeng Oil Field Water Injection line

- Location: Ordos Basin
- Time: Oct. 2006
- Application: Water injection line
- Nominal Pressure: 25Mpa
- Operation Pressure: 20.5 Mpa, 15Mpa
- Pipe: MID65 PN25 ~166KM

TOTAL Sulige Gas Field

- Location: Ordos, Inner Mongolia
- Time: Dec. 2013
- Application: methanol and water injection pipeline
- Pipe: RFC 35*5~12Mpa ~30KM, RFS~80mm~12~12Mpa~22KM

Jilin Oil Field Oil Gathering Pipeline

- Location: CNPC Jinlin oil Field 1st oil Production Plant
- Time: Oct. 2004
- Application: Oil gathering pipeline
- Pipe: DN50 PN6.4 ~20KM

Tarim Oil Field Oil & Gas and Water Gathering Pipeline

- Location: CNPC Talimu oil Gas Production Plant
- Time: from 2006~2010
- Application: Oil, Gas and water gathering pipeline
- Pipe: DN40~90 PN16~32MPa~200KM
Standards and Certification
Experts of National 863 project National offshore flexible composite pipe guided the work in our company

API Q1, ISO 9001:2008 and ISO/TS 29001 API SPEC 17J registered, Comply with API 15 S, Shell DEP 31.40.10.20-Gen, GOST, and meets numerous energy industry specifications
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