



Industry

The Oil & Gas sector requires products of quality and high strength, to ensure operational safety and reduction in maintenance in high pressure applications.

With our fluteck™ you can count on safe working conditions, a longer duration in time and if properly assembled leads to total reduction of leakage of highly polluting and corrosive liquids; this also translates into environmental protection.

Certification Details

International Standard developed by the American Petroleum Institute, specifying requirements, and giving recommendations for petroleum and natural gas Industries.

The testing involve immersing appropriate specimens in a sour (H₂S-containing) fluid at elevated temperature and pressure, and quantifying changes in tensile and physical properties.

Tests

Temperature	200 ± 2°C
Pressure	1000 ± 100 psi (69 ± 6.9 bar)
Gas phase	FF/HH 10/80/10 mol% H ₂ S/CO ₂ /CH ₄
Liquid phases	5% volume of water (deionised water, conductivity < 5µS) + 60% volume of NORSOK oil
Replication	5
Exposure time	160 hours, minimum

Certified Materials

- fluteck™ P 1500
- fluteck™ P 1550
- fluteck™ P 9000 EK
- fluteck™ P FE
- fluteck™ P M2
- fluteck™ K 300
- fluteck™ K 303

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