



LaserShield™ coupling coating

Latest innovation in protective coating technology

Introducing the new sucker rods coupling coating for critical services. Developed using cutting edge ultra-high speed laser material deposition technology.

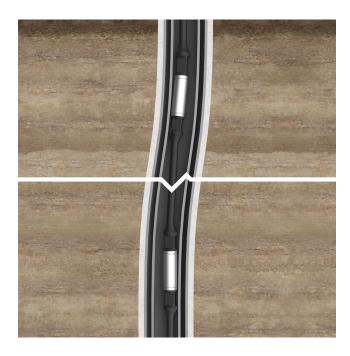
FEATURES AND BENEFITS

- Superior erosion, corrosion, and abrasion resistance
- Lower couplingtubing friction coefficient
- High strength base material
- Extended tubing and coupling lifespan
- Reduced energy consumption
- Increased production levels
- Applicable for deep wells
- Increased fatigue resistance

Overall operational cost-savings

LaserShield™

Top wear, corrosion and impact resistant coupling coating in the market

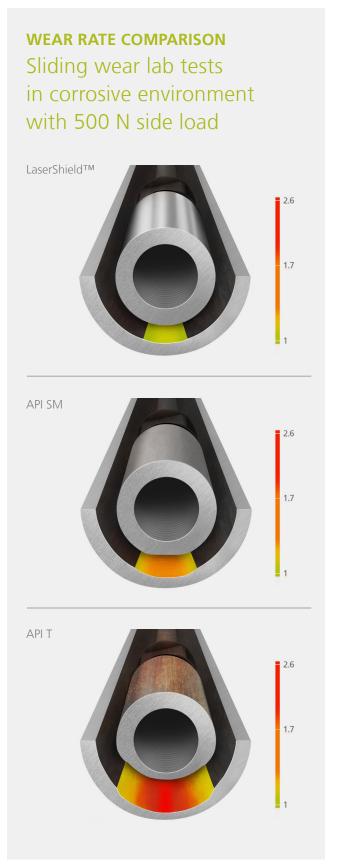


Lateral loads in wells with severe tortuosity increase the wear between the tubing and sucker rod coupling. With **LaserShieldTM** the tubing wear ratio is reduced at least halved when compared to the available couplings in the market.

Ultra high-speed laser material deposition technology



Following extensive research on technology and optimal selection of special coatings and base materials, Tenaris **LaserShieldTM** coupling coating comes to deliver outstanding performance in challenging wells. It has been manufactured with the highest quality standards in a safe and healthy environment, following strict control systems with an automated manufacturing process.



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