

TK-Drakōn Coating

Proven insulation, protection, and performance in high temperature applications

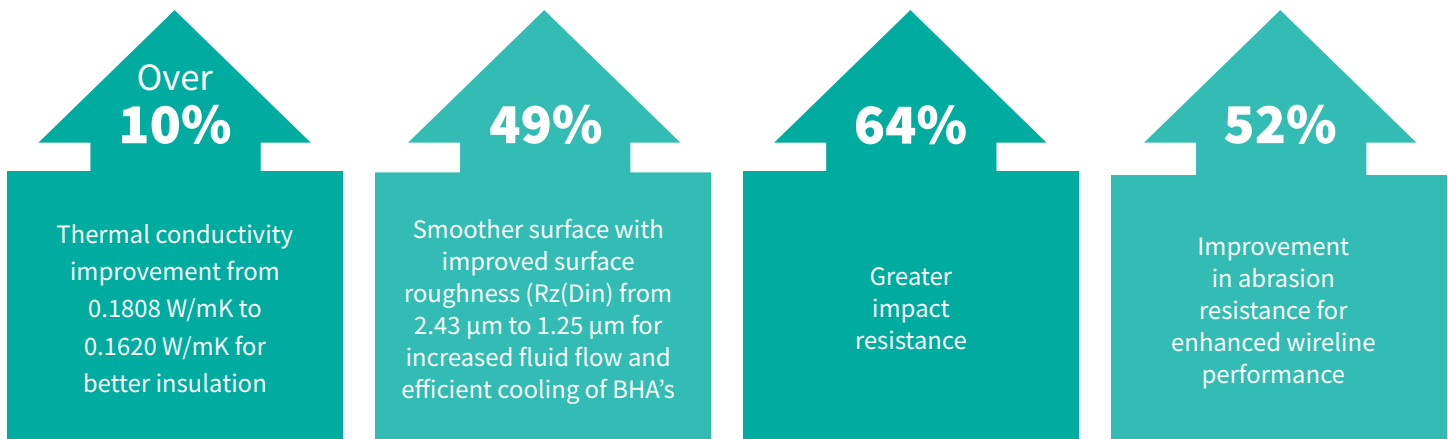
Keep It Cool.

Temperature management is critical for safe and efficient operations in high-pressure, high-temperature (HPHT) drilling applications. To meet the needs of these challenging environments, Tuboscope developed innovative low thermal conductivity internal coatings, and TK™-Drakon is our most advanced solution to date.

This groundbreaking technology combines the benefits of our industry-leading coatings with innovative insulating properties. Reduced heat transfer helps maintain optimal drilling fluid temperatures, extending BHA working life, protecting sensitive electronics and minimizing costly downtime. Low thermal conductivity also keeps produced fluids hot, maximizing geothermal energy production.

TK-Drakōn delivers unmatched corrosion protection, enhanced abrasion, chemical and impact resistance, along with improved flexibility, lower thermal conductivity and reduced surface roughness for improved hydraulic performance.

Performance Improvements over TK-340TC



Benefits

- Improves drilling performance
- Extends drilling tool life – drill pipe, motors, MWD, drill bits
- Reduces days on well
- Minimizes high-temperature tool use and charges
- Reduces unplanned trips (NPT)
- Enables drilling of longer laterals and deeper targets