

TBXNexxia is a fully integrated CRA tubular solutions and services provider with a global, multi-mill manufacturing footprint, covering the entire value chain from steelmaking and tubular manufacturing to proprietary premium connection technology, supply chain management and wellsite services.



tbxnexxia.com

SENTINEL® PRIME

A Tubacex Technology

SENTINEL® Prime is Tubacex's proprietary premium connection, **specifically engineered for CRA applications** and extensively tested on CRA tubular materials to ensure reliable performance in the most demanding well environments.

Full-scale tested in accordance with **API RP 5C5:2017 – CAL IV**, SENTINEL® Prime delivers 100% pipe-body performance in qualified configurations, excellent sealing integrity and reliable performance under demanding mechanical loads.

Its design ensures **excellent performance on any metallurgy**, with both, **conventional and environmentally friendly surface treatments**.

With a manufacturing size **range from 2³/₈" to 13³/₈" OD**, SENTINEL® Prime supports a broad range of critical well applications:

- **HP/HT and Deepwater Wells**
High-pressure and high-temperature, deep and horizontal well designs for oil & gas production.
- **Corrosive Environments**
Demanding well conditions involving high H₂S and CO₂ concentrations.
- **Enhanced Oil Recovery (EOR) and water injection**
CO₂ injection and enhanced hydrocarbon recovery applications.
- **Acid Gas Injection:**
Highly corrosive disposal wells.
- **Carbon Capture & Storage (CCUS)**
CO₂ injection and long-term geological storage wells.
- **Emerging Energy Applications**
Geothermal wells and underground hydrogen storage.



sentinelconnections.com

