

# PREMIUMPORT LINER DEPLOYED STEAM INJECTION

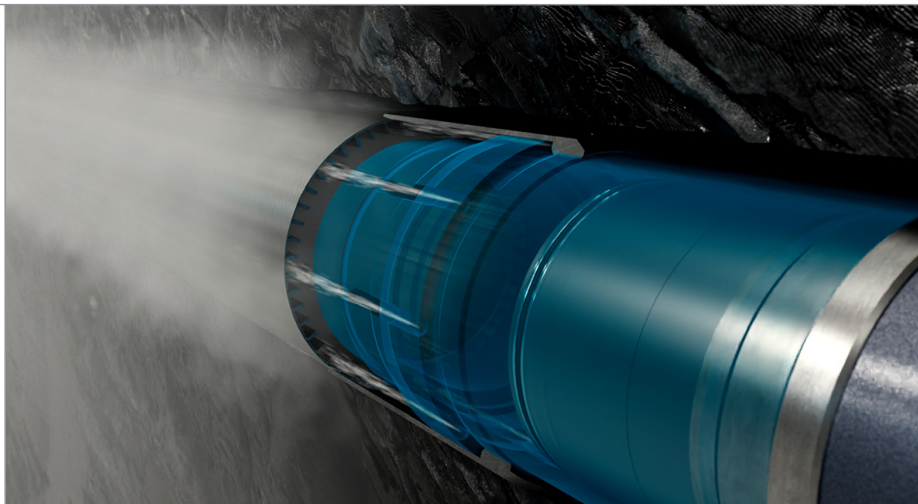
## Steam Injection Valve

### APPLICATIONS

- Injection wells requiring steam and sand control
- Openhole standalone completions
- Thermal and steam-assisted gravity drainage (SAGD) wells
- Vertical, deviated, and horizontal wells.

### FEATURES & BENEFITS

- Balanced injection from heel to toe resulting in better oil recovery.
- Configurable injection nozzles for optimal injection control
- Reclosable sleeves for enhanced control
- Strength and accuracy of Pangea direct wrap screens.
- Downsize liner size by eliminating tubing deployed injection control



By moving the steam injection control from the tubing and incorporating it directly in the liner, the PremiumPort Liner Deployed Steam Splitter eliminates the inner tubing, simplifies the completion and allows to reduce the liner size.

The PremiumPort Liner Deployed Steam Splitter is deployed in strategic steam injection applications as part of the primary sand control system. The 8 configurable nozzles offer flexibility in completion design to match injection models to optimize uniform heel to toe steam distribution. The proprietary thermal sealing technology incorporated into the valves maintains sealing integrity in environments of steam and is rated to 550° F at 5000psi.

With proven reclosable sleeve technology, the PremiumPort Liner Deployed Steam Splitter offers the flexibility of controlling the steam injection profile throughout the life of the field to optimize production.

### Integrated FCD and screen media

As part of the Steelhaus Technologies family, Pangea is uniquely positioned to integrate most advanced FCDs with robust screens. At the Pangea manufacturing center, based in Calgary, is vertically integrated and utilize conveyor belt setup that promotes efficiency and reduces pipe handling. We manufacture our own slip-on punch screen with our in-house spiral welders, produce highly accurate Direct Wire Wrap screens and we machine all components.

