

Swell Packer Isolation System (Bonded)

The Swell Packer isolation system is an innovative technology that offers simple, safe, and reliable downhole isolation. **Bonded** swell packer is a robust swell packer designed for zonal isolation applications such as multistage fracturing, reservoir separation, cement assurance, etc. It provides long-term reliability and can be run as an integral part of smart well completions. **Bonded** swell packer swells in all well fluids (customized) and all thermal and chemical conditions.

Applications

- Open and cased-hole isolation
- Stimulation placement
- Open and cased-hole straddles
- Intelligent completion systems
- Cement assurance
- Mechanical set packers backup
- Liner-hanger backup
- Sand control
- Water shot-off

Features, Advantages and Benefits

- Elastomer is directly bonded to Pipe
- High differential pressure capability up to 1500 psi/ft
- Custom packer lengths and diameters
- Durable and reliable self-healing and self-sealing properties
- Elastomer color coding for easy recognition
- No moving parts
- Swells with wet and dry gas

Note: PETROCO API – 19 OH Full Scale Test Unit is Available for Functionality Tests



Swell Packer Isolation System (Slip-On)



Slip-On is a pre-assembled high-performance swell packer especially designed for high differential pressure applications where a bonded solution is not viable for logistic reasons. It easily slips on pipe and provides on-site installation in a very short time. Its reduced overall length allows for increased installation flexibility throughout the well trajectory and optimal zonal isolation. The **Slip-On** innovative sealing concept allows for stacking multiple units in series for increased differential pressure holding capability up to 10,000 psi. **Slip-On** Swells in all well fluids containing aqueous and hydrocarbon fluids, especially swells in wet and dry gas.

Applications

- Open and cased-hole isolation
- Stimulation placement
- Open and cased-hole straddles
- Intelligent completion systems
- Cement assurance
- Mechanical set packers backup
- Liner-hanger backup
- Sand control
- Water shot-off



Features, Advantages and Benefits

- Stackable solution for increased differential pressure rating
- Simplified, safe and reliable on-field installation
- High differential pressure capability up to 1500 psi/ft
- Elastomer color coding for easy recognition
- Custom packer lengths and diameters
- Self-healing and self-sealing properties
- Easy to replace
- Logistic eases (transportation, storage, operation)
- Time and cost saving solution
- Easy to run in deviations and abnormal trajectories

Note: PETROC O API – 19 OH full scale test unit is available for functionality tests