

"Swell Packer Bonded Type"

Description

Bonded type swellable packers provide a one-trip, self-setting isolation system designed to activate and seal through the natural contact of in-situ wellbore fluids. Suitable for cased-hole and openhole well environments, bonded swellable packers are easily deployed by integrating them into tubing or casing strings or through conventional well-service operations such as coiled tubing or slickline.

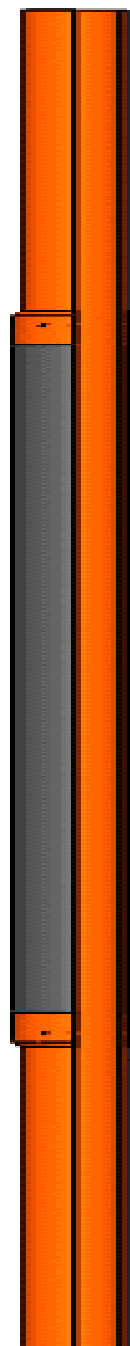
A wide range of configurations are available to suit specific size and well-performance requirements.

Application

- Interzonal isolation
- Reservoir compartmentalization/ wellbore segmentation
- Gas and water coning management
- Isolation of fluid contacts
- Straddle isolation systems (shales, fractures, water)
- Isolation, stimulation and/or frac jobs
- Plugging and abandonment
- Isolation of build sections from horizontal pay zones
- Casing-shoe integrity/sustained casing-pressure isolation
- Isolation at lateral junction or milled window

Features

- Absence of moving parts facilitates deployment, reducing well construction costs and required rig personnel.
- Swellable element activates through contact with wellbore fluids, sealing off the annulus and thus providing reseal capability for the life of the well.
- Conforming element enables isolation in irregular hole shapes and changing annular geometries.
- Available with most tubular configurations and thread connections, this versatile packer easily integrates with most well tubular designs.



Technical Specification & Sizes

| Length (ft) | 5 to 20 | |
|---------------------------------------|--------------------------------|-------------|
| Maximum differential pressure (psi) | 1500 to 7500 | |
| Maximum operating temperature (°F/°C) | Water swellable | 280° / 138° |
| | Oil/hybrid swellable | 300° / 150° |
| Setting time | Customizable | |
| Activation fluid | Aqueous or hydrocarbon or both | |