

SwellRight Packer

Swellable Packer System for Zonal Isolation

SwellRight permanent packers provide long-term reliability for maximum performance zonal isolation.

SwellRight packers are field proven to reduce well construction costs, extend well life, and improve well integrity. They are permanent packers that provide long-term stability and reliability required to isolate producing zones.

SwellRight swellable packers are a simple and effective zonal isolation solution for compartmentalisation frac applications. After swelling, the element maintains flexibility and is able to react to subsequent changes in the wellbore geometry.

TAQA's standard swellable packer range is available with an oil, water or hybrid swelling elastomer. This single-element design uses a patent-pending technology to provide high performance over short element lengths that are bonded directly to the base pipe.

Based on TAQA's patented osmotic water swell compound, the elastomer technology is field proven in a wide range of installations across a variety of temperatures and salinity profiles. Additionally this is the only water swell compound fully compatible with completion fluids including acids and brines.

SwellRight packers are available in sizes from 2 $\frac{3}{8}$ " up to 13 $\frac{3}{8}$ ", or can be custom-designed specifically for the well requirements. They are also best suited to wells where the downhole temperature is between 32°F and 482°F (0°C and 250°C), and provides a differential pressure rating up to 10,000psi.

Features

- Patented bonding mechanism improves performance
- Provided ready to run - no additional rig time required for operation
- Proprietary software enables modelling to suit rig times
- Conforms to open hole
- Bonded to the base pipe

Benefits

- Simple to install and use - no moving parts
- Works with ball-activated stimulation valves
- No pup joints required for handling purposes
- Cost-effective packer solution

SwellRight packers are shipped from TAQA's manufacturing plants to the well site or customer's warehouse where they are delivered in 'ready-to-run' condition, keeping rig time costs minimal.

Specification Example

Base pipe OD	3.500" (89mm)	4.500" (114mm)	5.500" (140mm)	6.625" (168mm)	7.000" (178mm)
Element OD	5.625" (143mm)	5.625" (143mm)	8.150" (207mm)	8.150" (207mm)	8.100" (206mm)
Hole Size	6.000" (152mm)	6.000" (152mm)	8.500" (216mm)	8.500" (216mm)	8.500" (216mm)
Element Length	As per customer pressure requirements - up to 30ft				
Swell Activation	Oil, Water or Hybrid				

