

SwellFix Packer

Multi-element Swellable Packer System for Zonal Isolation

SwellFix swellable multi-element permanent packers provide long-term stability and reliability to isolate producing zones.

TAQA's SwellFix packers can help reduce well construction costs, extend well life and improve well integrity. After swelling, the elements maintain flexibility and are able to react to subsequent changes in the wellbore geometry.

The multi-element design provides extreme flexibility with respect to swell duration and fluid compatibility as it allows different water swell elements to be used in combination. Elastomers are applied in one foot bands along the length of the base pipe.

TAQA's high performance swellable packer range is available with water swelling elastomers in any combination.

This multi-element packer range is designed to operate in temperatures from 32°F to 480°F (0°C to 250°C) and up to 10,000psi pressure differential enabling the packer to perform to the most demanding openhole conditions.

Packers are available in sizes from 2 $\frac{3}{8}$ " to 13 $\frac{3}{8}$ " or custom designed specifically for the well requirements. Our experienced team of material scientists have developed proprietary elastomer technology that has been field proven in many installations to deliver reliable isolation performance across a variety of temperature and salinity profiles generating more radial seal force than any other swell packer on the market.

Features

- Water activation
- Barrier to annular flow
- Self healing - durable construction
- Bespoke differential pressures up to 10,000psi

Benefits

- Simple to install and use - no moving parts
- Strong and durable
- Improves production efficiency
- Helps to extend well life
- Maintains well integrity
- Provides significant cost savings

Technical specifications

	SFP350	SFP450	SFP550	SFP662	SFP700	SFP962
Std Base pipe OD	3.500" (89mm)	4.500" (114mm)	5.500" (140mm)	6.625" (168mm)	7.000" (178mm)	9.625" (245mm)
Std Element OD	5.625" (143mm)	5.625" (143mm)	7.750" (197mm)	8.000" (203mm)	8.000" (203mm)	11.50" (292mm)
	5.750" (146mm)	5.750" (146mm)	8.000" (203mm) 8.150" (207mm)	8.150" (207mm)	8.150" (207mm)	
Hole Size	6.000" (152mm)	6.000" (152mm)	8.500" (216mm)	8.500" (216mm)	8.500" (216mm)	12.25" (311mm)
Element Length & Basepipe Material	Element length based on application. Basepipe material customer supplied or to customer specification.					
Swell Activation	Water or combination of water					

