

Overview

SwellFix™ swellable sleeves can help reduce well construction costs, extend well life, and improve well integrity. They are permanent packers that provide the long term stability and reliability required to isolate producing zones. After swelling the element maintains its flexibility and is able to react to subsequent changes in the well bore geometry. SwellFix™ sleeves are designed for open and cased hole use in a variety of applications to ultimately save rig time.

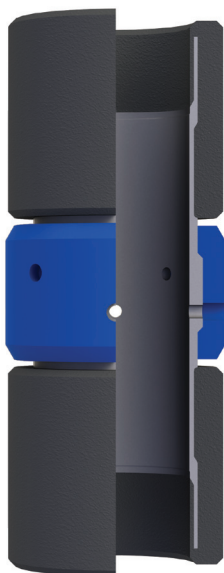
This multi-element sleeve design uses the same high performance compounds as the SwellFix™ packer. Available from stock in standard sizes to suit 2 3/8" to 13 3/8" pipe or custom-designed specifically for the well requirements using our proprietary modelling software.

The dual elements provide flexibility allowing oil, water or a combination of swell elastomers to be utilised. This slip on sleeve can hold up to 1600 psi differential pressure across a temperature range of 32°F to 392°F (0°C to 200°C).

Due to its integral steel core and bi-directional elements the SwellFix™ sleeve is designed to perform in the most demanding open hole conditions.

Installation is simple, all that is required is for the rig crew to remove the protective packaging from around the sleeve and slide it over the base pipe. The sleeve is then fixed in place using the grub screws provided.





Specifications

Base Pipe OD	Casing	Open Hole Size	Sleeve (Max Running OD)
2.375"	5" 29.2#	3.750"	3.500"
2.875"	5-1/2" 17#	4.750"	4.500"
3.500"	7" 35#	6.000"	5.750"
4.000"	7" 32#	6.000"	5.750"
4.500"	8-5/8" 44#	6.125"	5.870"
4.500"	8-5/8" 44#	7.625"	6.810"
5.000"	9-5/8" 53.5#	7.625"	7.280"
5.500"	9-5/8" 53.5#	8.500"	8.030"
6.000"	9-5/8" 53.5#	8.500"	8.030"
6.625"	9-5/8" 53.5#	8.500"	8.250"
7.000"	10-3/4" 55.5#	9.750"	9.370"
7.625"	11-3/4" 55.5#	10.750"	10.240"
9.625"	13-3/8" 68#	12.250"	12.040"
13.375"	N/A	17.500"	17.200"

Applications

SwellFix™ sleeve packers are a flexible barrier solution suitable for many applications where a reliable pressure seal is required.

Applications include

- Annular barrier for Inflow Control Devices (ICD)
- Cement replacement
- Cement protection (micro annuli)
- Sealing at side track windows
- Annular barrier for sand screens
- Zonal isolation
- Gravel packing
- Expandables - screens and tubulars

Benefits/Features

- Simple to install and use - no moving parts
- Oil and water activation
- No additional personnel required
- Easy to store and transport
- Provides significant cost savings
- Maintains well integrity
- Barrier to annular flow
- Can help to extend well life
- Improves production efficiency
- Reduces risk