

SwellRight Split Sleeve

Sealing Solution for Expandable Screens

The SwellRight cross coupling split swell sleeve is designed to work in conjunction with 7" expandable screens to ensure zonal isolation integrity.

The cross coupling split swell sleeve is designed to be run in conjunction with 7" ESS systems which have non-expandable connections. The sleeve fills the void at the coupling once the screens have expanded, ensuring the integrity of the sand control system. Each sleeve is carefully designed to ensure the correct fit over the required dimensions, while also allowing for clearance of the coupling.

Tendeka currently has an oil swellable sleeve with an element OD of 8.22" suitable for use in 8.500" – 8.750" ID, providing a differential pressure rating up to 1,000psi. Tendeka oil swell compounds are suitable for use in applications where the downhole temperature is between 32°F and 482°F (0°C and 250°C).

The element covering the split swell sleeve is cut down one side allowing the other side to act as a hinge. The simplicity of the design ensures ease of assembly over the screen and coupling. Once the sleeve is secured with screws the element is once again circumferentially complete and will provide zonal isolation on activation with the swell fluid.

Features

- Split swell hinge design allows installation over a non-flush connection
- Lifting eyes and tools allow for easy handling
- Integral seal prevents fluid / pressure bypass under sleeve

Benefits

- Prevents screen erosion at non-expanded connections
- Suitable for high rate gas wells
- Maintains sand control integrity

Technical Specifications

Base pipe OD	7"
Element OD	8.22"
Sealing ID	8.50-8.75"
Swell Activation	Oil
Temperature Range	0°C - 250°C (32°F - 482°F)

