



# *Genesis® FT Annulus Swellable Packer*

Weatherford's *Genesis* FT series of annulus swellable packers provide a one-trip, self-setting isolation system designed to allow spliceless cable feed-through for remote monitoring and control mechanisms used in intelligent completions. The *Genesis* FT series is a cost-effective and reliable solution to zonal isolation in critical wellbore locations that require cable bypass. Suitable for cased-hole and openhole well environments, *Genesis* FT swellable packers are easily deployed with minimal hand tooling, enabling time-efficient cable insertion and deployment operations that are routinely integrated into standard tubing- and casing-string operations. A wide range of configurations is available to suit specific hole sizes, cable bundles, and well-performance requirements.

## *Applications*

- Interzonal production isolation
- Gas-and water-coning management
- Reservoir compartmentalization and wellbore segmentation
- Isolation control in stimulation and/or frac jobs
- Isolation at multilateral junctions

## *Features, Advantages and Benefits*

- The packer can be set in cased or open hole, providing operational flexibility.
- Absence of mechanical or moving parts allows for easy deployment, reducing well construction costs and required rig personnel.
- Customizable sealing element ensures proper swell-ratio rate to meet operational objectives and well performance requirements.
- Swelling insert with integrated locking profile can be customized to fit any flat-pack or control-line setup.
- Conforming element enables isolation in irregular hole shapes and changing annular geometries.
- Bonded swellable elastomer element is activated through natural contact with wellbore fluids, increasing the OD, progressively sealing off the annulus, and enabling reseal capability for the life of the well.
- Spliceless cable feed-through design enables multiple cable insertions with minimal hand tooling for easy deployment.
- These packers are available with any thread, enabling ease of integration with current pipe-string configuration.





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### *Specifications*

Length (ft/m)	<b>10</b> <b>3.0</b>	<b>12</b> <b>3.7</b>	<b>15</b> <b>4.6</b>	<b>20</b> <b>6.1</b>
Maximum differential pressure (psi/MPa)	3,000 20.68	2,000 13.79	5,000 34.47	7,500 51.71
Maximum operating temperature (°F/°C)	300 150			
Common cables (in./mm)	0.433 × 0.433 11 × 11			
	0.472 × 0.709 12 × 18			
Swell ratio	Up to 150%			
Setting time	Customizable			
Activation fluid	Aqueous, hydrocarbon, or both			

Hole Size* (in./mm)	Mandrel (in./mm)	Standard Element OD (in./mm)
6 to 6-1/4 152.40 to 158.75	3-1/2 88.9	5.75 142.88

\*Additional sizes are available upon request.

For Internal Use:

Link to Endeca assembly part numbers: [Genesis FT Annulus Swellable Packer](#)