



## *GENISIS® Annulus Swellable Packer For Completion Applications*

Weatherford's *GENISIS* series of annulus swellable packers provide a one-trip, self-setting isolation system designed to activate and seal through the natural contact of in-situ wellbore fluids. Suitable for cased-hole and openhole well environments, *GENISIS* swellable packers are easily deployed by integrating them into tubing or casing strings or through conventional well-service operations such as coiled tubing or slickline. A wide range of configurations are available to suit specific size and well-performance requirements.

### *Applications*

- Interzonal isolation
- Reservoir compartmentalization/wellbore segmentation
- Gas and water coning management
- Isolation of fluid contacts
- Straddle isolation systems (shales, fractures, water)
- Isolation, stimulation and/or frac jobs
- Plugging and abandonment
- Isolation of build sections from horizontal pay zones
- Casing-shoe integrity/sustained casing-pressure isolation
- Isolation at lateral junction or milled window

### *Features, Advantages and Benefits*

- Absence of moving parts facilitates deployment, reducing well construction costs and required rig personnel.
- Swellable element activates through contact with wellbore fluids, sealing off the annulus and thus providing reseal capability for the life of the well.
- Conforming element enables isolation in irregular hole shapes and changing annular geometries.
- Available with most tubular configurations and thread connections, this versatile packer easily integrates with most well tubular designs.





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### *Specifications*

Length (ft/m)	5 1.5	10 3.0	15 4.6	20 6.1
Maximum differential pressure (psi/MPa)	1,500 10.34	3,000 20.68	5,000 34.47	7,500 51.71
Maximum operating temperature (°F/°C)	Water swellable	280° 138°		
	Oil/hybrid swellable	300° 150°		
Setting time	Customizable*			
Activation fluid	Aqueous, hydrocarbon, both			

\* Fully customizable to client requirements

Hole Size* (in./mm)	Mandrel (in./mm)	Standard Element OD (in./mm)
4-3/4 120.65	2-7/8 73.03	4.50 114.30
	3-1/2 88.90	
6 152.40	3-1/2 88.90	5.65 143.51
	4-1/2 114.30	
6-1/8 155.58	3-1/2 88.90	5.75 146.05
	4-1/2 114.30	
8-1/2 215.90	5 127.00	8.00 203.20
	5-1/2 139.70	8.15 207.01
	6-5/8 168.30	
	7 177.80	

\*Additional sizes available upon request.

For Internal Use

Link to Endeca part numbers: [GENISIS Annulus Swellable Packer](#)