



# *ComboPac Openhole Packer*

Weatherford's ComboPac openhole packer provides both mechanical- and swelling-elastomer isolation to bridge and seal in a large openhole clearance. The ComboPac packer is a combination of a conventional compression-set element and a conforming swellable elastomer. The innovative design combines the instant pack-off capabilities of a mechanical element when set, with the pressure support of a longer, more compliant swellable element. The swellable element can be supplied in a water-, oil-, or hybrid-swelling elastomer to meet individual well requirements.

This packer is designed for use a larger range of openhole sizes than the ComboFrac packer.

## *Applications*

- Multizonal openhole completions for interzonal isolation
- Isolation of sand-screen sections
- Horizontal wells

## *Features, Advantages and Benefits*

- The ComboPac packer's element length is 5 ft (1.5 m), which ensures an effective seal over the irregular openhole section.
- The packer includes a compression-set element for instant isolation and pressure integrity. This feature along with the conforming sealing of the swellable, allows earlier application of pressure across the packer saving rig time.
- The ComboPac packer's conforming swellable element enables isolation in irregular hole shapes and changing annular geometries, improving zonal isolation over mechanical openhole packers.
- An interlocking feature locks the setting device during deployment ensuring that the packer can reach bottom without prematurely setting.
- The swellable elastomer's resealing capability in openhole applications meets long-term life-of-well zonal isolation requirements, maximizing production.





## ComboPac Openhole Packer

### Specifications

Size (in./mm)		4-1/2 × 6.60 114 × 168	5-1/2 × 9.50 140 × 241
Openhole size (in./mm)		6.00 to 6.60 152 to 168	8.25 to 9.50 209 to 241
Tubing size (in./mm)		4-1/2 114.3	5-1/2 140.0
Tubing weight (lb/ft, kg/m)		11.6 17.2	23.0 34.2
Differential pressure rating (psi/MPa)		2,500 17.2	
Setting actuation pressure (psi/MPa)		3,000 20.6	
Activation fluid	Water	Brine, seawater	
	Oil	Oil-based mud, invert, diesel	
	Hybrid	Oil or water emulsions	
Maximum temperature rating (°F/°C)	Water	250° 121°	
	Oil	300° 149°	
	Hybrid		
Tensile rating (lbf/daN)		220,000 97,860	388,000 146,790
Material specifications		4140 (L-80)	
Maximum OD (in./mm)		5.625 142.9	8.000 203.2
Minimum ID (in./mm)		3.500 88.9	4.780 121.4
Overall length with LTC threads (in./mm)		187.0 4,750	180.0 4,572

For internal use

Link to Endeca assembly part numbers: [ComboPac Openhole Packer](#)