

## FlexPac Packer

Withstands high flow rates, pressures, and temperatures during testing and perforating operations

### Applications

- Vertical and deviated wells
- Testing and tubing-conveyed perforating operations

### BENEFITS

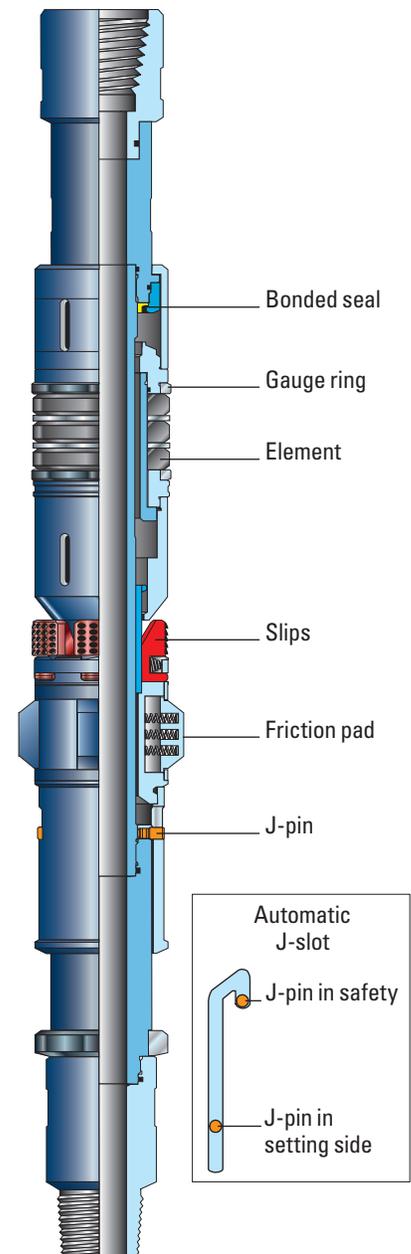
- Simple operation
- High reliability
- Durability in harsh environments
- Efficient fluid loss and well kill control

### Features

- Three-piece, dual-durometer element
- Specifically sized gauge rings to reduce the extrusion gap for the sealing element
- Proven face seal to control the bypass valve
- Integral and internal bypass to minimize surge and swab effects in all sizes
- Fullbore mandrel
- Case-hardened slips for gripping even in the hardest casings
- Simple quarter turn to set; straight pull to release
- Dual external J-slots for improved pressure rating and tensile strength while setting or unsetting
- Optional mandrel with pressure port to accommodate differential pressure firing head
- H<sub>2</sub>S service per NACE International MR-0175/ISO-15156

The FlexPac\* high-performance service packer is a fullbore, cased hole, retrievable compression-set packer designed for testing and tubing-conveyed perforating operations. The packer is designed to withstand high flow rates, elevated temperatures, and high pressures when the appropriate slackoff weight has been applied to the packer. The sealing elements effectively isolate annulus fluids from the perforated interval.

To prevent the packer from being pumped uphole during stimulation operations, the FlexPac packer hydraulic holddown should be installed in the tubing string above the packer. The packer has a rugged, simple design, and it is easily redressed between operations, or it can be quickly converted to run in a different casing weight. Designed with a tight control of the extrusion gap on either side of the packer elements, the FlexPac packer is qualified for up to 12,000-psi differential pressure. Its external dual-slot setting mechanism ensures easier unjacking of the packer at the end of the job.



FlexPac packer.

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## Specifications

Model	FLXP-G	FLXP-F
Casing size range, in (lbm/ft)	4½ (9.5–13.5)	6⅝ (17–24)
	5 (11.5–21)	7 (17–38)
	5½ (20–23)	7⅝ (20–42.8)
ID, in [mm]	1.125 [29]	2.25 [57]
Differential pressure, <sup>†</sup> psi [MPa]	15,000 [103]	12,000 [83]
Element differential, <sup>‡</sup> psi [MPa]	12,000 [83]	12,000 [83]
ID test pressure, psi [MPa] (packer not set) at surface	15,000 [103]	15,000 [103]
Temperature, degF [degC]	340 [171]	340 [171]
Length, ft [m]	8.83 [2.69]	9.235 [2.81]
Weight, lbm [kg]	150 [68]	400 [181]
Service (NACE International MR-0175/ISO 15156)	H <sub>2</sub> S, acid	H <sub>2</sub> S, acid
Tensile load, lbf [kN]	200,300 [891]	188,400 [838]
Tensile load with working pressure, lbf [kN]	179,000 [796]	171,300 [762]
Connection		
Top	2¾ Reg or PH-6	3½ IF or PH-6
Bottom	2¾ EUE	2⅞ EUE

<sup>†</sup> Measured across wall of mandrel or body when packer is set in hole.

<sup>‡</sup> Element max. differential pressure is typical, and performance depends on temperature, job duration, fluids, deviation, casing size, casing condition, pressure reversals, and shock load.

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