



### APPLICATIONS

- Multi-stage stimulation
- Isolation for re-completion operations

### FEATURES & BENEFITS

- Fully Retrievable
- Less than 3' long
- Ultra-slim running profile
- Anti-Swabbing Design
- Anti-Extrusion barriers on element ensure efficient pack-off
- Packers can be set simultaneously

## PRO-FRAC

### ProPac Hydraulically Set Retrievable Casing Packer

The ProPac is a cost effective retrievable casing packer deployed as part of multi-stage stimulation geared towards re-completions. Positioned between two stages in the re-completion, the ProPac creates isolation during stimulation. The number of intervals being stimulated in a well is equal to the number of packers required. The ultra slim running profile makes it ideal to be ran through milled out ball seats for re-completions. The rotational release and pull to release both collapse the OD to its original size for easy retrieval.

#### Operation

The packer is set when the on board piston is subject to a differential exceeding its pre-set activation pressure. The element creates a reliable seal inside casing, creating effective isolation between intervals. The design features an anti-preset function allowing the liner to be conveyed safely.

With an overall length of less than 2.5ft, the entire tool may be picked up and threaded on location with no requirement of pup joints or lifting subs. Employing a simple, differentially activated piston, the element sets and maintains the set force with a fine tooth ratchet mechanism. The piston is long enough to ensure no risk of over-setting the element which traditionally has lead to leaky liner from piston over-extension. A metal split ring maintains the position of the bottom gauge ring ensuring any forces on the gauge ring running in hole are easily accommodated.

#### Specifications

Casing size	4.5 in	5.0 in
Casing weight	11.6# - 15#	18 - 21.4#
OD	3.50 in	3.88 in
ID	1.92 in	2.38 in
Max Casing ID	4.068 in (11.6#)	4.36 in (18#)
Length	40 in	31 in
Max Burst and Collapse	8,000 PSI	10,000 PSI
Temperature	250 F	250 F
Differential across element	2,000 PSI	2,000 PSI
Setting Pressure	4,000 PSI	3,000 PSI
Tensile	100,000 lbs	100,000 lbs
Fits through restriction size	3.75 in	4.0 in