



## APPLICATIONS

- Multi-stage stimulation
- Isolation for acid stimulation

## FEATURES

- Anti-Swab Design
- Anti-Extrusion barriers on element ensure efficient pack-off
- Unlimited number of packers can be set simultaneously



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# PROFRAC

## Open Hole Packer

Pro-ESI' ProFrac™ Open Hole Packer is a cost effective full bore open hole packer deployed as part of multi-stage stimulation. Positioned between two stages, the ProFrac™ Open Hole Packer creates isolation during stimulation.

### 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 the open hole, creating effective isolation between intervals. The design features an anti-preset function allowing the liner to be conveyed safely and also features anti-extrusion barriers on the element.

The ProFrac™ packer is rugged and effective. The entire tool can be picked up and threaded on location with no requirement of pup joints or lifting subs. The tool allows for torque through rig operations when making up connections. 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. A steel split ring maintains the position of the bottom gauge ring ensuring any forces on the gauge ring running in hole are easily accommodated.

Engineered with two anti-swabbing mechanisms, the packer features equalization ports and premium vulcanized bonding. Equalization ports ensure there can never be differential from the OD to the ID of the element. Vulcanized bonding bonds the rubber to the metallic gauge ring on each side providing the element with exceptional durability. The adhesion of the bonding exceeds the mechanical properties of the rubber itself, eliminating the risk of tearing the element from the gauge ring and subsequently swabbing the element off the packer.

	4.5" / 11-13#
OD	5.625" 143 mm
ID	3.94" 100 mm
Length	2.79 ft 0.85 m
Max Burst and Collapse	10,000 psi 69,000 kpa
Temperature Rating	350 deg F 176 deg C
Differential ~ Element	10,000 psi 69,000 kpa
Connections	As Requested
Open/Cased Hole Max	6.0" - 6.375" 152 mm - 162 mm
Min Setting Pressure	3,500 psi 24,131 kPa
Max Setting Pressure	5,700 psi 39,300 kPa
Tensile	300,000 lbs 1,334 kN
Torsional	5,000 ft-lbs 6,779 N.m

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