

Voyager Frac System - OH Packer

The Voyager™ open hole packer is a hydraulically activated packer for open hole completions. The Voyager frac system was specifically designed to remove any components that limit the performance of the end-user's well. For each casing weight, the sleeves, packers and other equipment have been designed to exceed the casing specifications outlined in API 5CT.

The Voyager packer is set by applying differential pressure against a temporary or permanent plugging device in the casing below. The setting pressure can be adjusted through field accessible shear pins.

Features

- Hydraulically activated single acting setting piston
- Small, compact design allows for safe and fast deployment on the rig floor
- Rugged, high differential pressure element designed for multi stage fracturing and qualified to ISO14310V3

Benefits

- Field adjustable shear pins for easy setting confirmation
- Element stack can be modified for special applications
- One-piece mandrel design reduces the number of potential leak paths
- Compatible with all NOV open hole sleeve systems

Applications

- Open hole multistage completions
- Acid or proppant stimulations
- Enhanced recovery applications requiring inflow and outflow control



Technical Data

Material	Weight lb/ft (kg/m)	OD in. (mm)	Body ID in. (mm)	Length ¹ in. (mm)	Burst psi (kPa)	Collapse psi (kPa)	Tensile lbf (daN)	OH Size in. (mm)	Threads ²
4.5" L80	11.60 (17.26)	5.875 (149.2)	3.930 (99.8)	26 (660)	10,009 (69,000)	9,472 (65,300)	267,000 (118,767)	6.125 – 6.500 (156 – 165)	API LTC/BTC Standard
4.5" P110	11.60 (17.26)	5.875 (149.2)	3.930 (99.8)	26 (660)	13,762 (94,900)	13,024 (89,800)	377,000 (167,850)	6.125 – 6.500 (156 – 165)	API LTC/BTC Standard
4.5" L80	13.50 (20.09)	5.875 (149.2)	3.850 (97.8)	26 (660)	11,094 (76,500)	10,445 (72,000)	309,000 (137,350)	6.125 – 6.500 (156 – 165)	API LTC/BTC Standard
4.5" P110	13.50 (20.09)	5.875 (149.2)	3.850 (97.8)	26 (660)	15,254 (105,200)	14,362 (99,000)	436,000 (193,900)	6.125 – 6.500 (156 – 165)	API LTC/BTC Standard
4.5" L80	15.10 (22.47)	5.875 (149.2)	3.750 (95.3)	26 (660)	11,787 (81,300)	11,098 (76,500)	360,000 (159,950)	6.125 – 6.500 (156 – 165)	API LTC/BTC Standard
4.5" P110	15.10 (22.47)	5.875 (149.2)	3.750 (95.3)	26 (660)	15,254 (105,200)	14,362 (99,000)	508,000 (225,800)	6.125 – 6.500 (156 – 165)	API LTC/BTC Standard

¹Lengths will vary depending on end sub threading
Other connections and grades available upon request