

Retrievable Casing Packer

Description

The Retrievable Casing Packer permits unrestricted flow and passage of full gauge wireline tools and accessories with an unrestricted ID, making it ideal for zone isolation, injection, testing, perforating, and production. Retrievable Casing Packer can be set for testing in tension, compression or neutral.

Application

7,500 psi differential pressure rating standard, with 10,000 psi available for higher pressure applications

Most production, injection, and zone isolation operations Mechanically-set and released with right-hand rotation Tubing can be left in tension, compression or neutral Holds pressure from above or below

Seals below upper slips allow flushing of debris prior to releasing

Optional safety release system

Internal bypass that equalizes pressure across the elements before the packer is released.

Setting

Make up the packer with the tubing string and run to the setting depth. Pull the packer up the hole approximately six inches. Apply a quarter turn to the right at the packer and slowly lower the pipe until the tubing weight is stacked out on the packer. Pull into the packer to get a good bite with the slips and to completely pack-off the element system. If possible yo-yo the tubing to finish the pack-off.

Releasing

Rotate the tubing 1/4 turn at the packer and pull up on the mandrel.

Specifications:

Size	7"	95/8"
O.D.	As per casing	
I.D.	2.416" (6.14 cm)	3.00" (7.62 cm)
Tensile strength	105,000 lb (46,700 daN)	185,000 lb (82,300 daN)
Working	8,000 psi (551 bar)	7,500 psi (517 bar)
Make-up torque	2,300 ft-lb (3,118 Nm)	3,200 ft-lb (4,338 Nm)
Connections	27/8" 8RD	31/2" 8RD
Service	H2S NACE as per MR-01-75	

