

Description

R-3 Packer

The R-3 Retrievable Packer is a multi-use, dependable set down packer used for production, stimulation and testing operations.

A three-piece element system and heavy-duty rocker-type slips ensure packer performance, while a full bore, long stroke mandrel provides an unrestricted flow path. Available in both single and double grip configurations, the R-3 incorporates a large bypass area for faster running.

The bypass area is controlled by a face seal which is used to equalize pressure above and below the packing element when retrieving the packer. After setting, the differential lock system keeps the face seal closed. The double grip version features hydraulic hold down buttons located below the face seal.

The single grip R-3 is normally used for applications where bottom-hole pressures are not excessive. The single grip version does not include the hydraulically actuated hold down buttons.



Features

Fast equalization and rapid running due to large bypass area

Differential lock system ensures face seal remains in closed position

Three-piece packing element provides maximum differential pressure capability

Full opening mandrel for tubing compatibility even in heavy-wall casing sizes

Standard right-hand set, optional left-hand set



Specifications

Casing		Min.	Max.	Thread Connection	Packer	
Size	Weight	ID	ID		Max. OD	Min ID
In.	Lb/ft	In.	In.	Standard	In.	In.
4 ½	9.5-13.5	3.920	4.090	2 3/8 EUE 8RD	3.771	1.890
5	15.0-18.0	4.250	4.408		4.125	1.890
5	11.5-15.0	4.408	4.560		4.250	1.890
5 ½	20.0-23.0	4.670	4.778	2 7/8 EUE 8RD	4.500	1.960
5 ½	15.5-20.0	4.778	4.950		4.641	2.375
5 ½	13.0-15.5	4.950	5.044		4.781	2.375
5 ½	13.0-15.5	4.950	5.044	2 3/8 EUE 8RD	4.781	1.960
5 ¾	22.5	4.950	5.190	2 7/8 EUE 8RD	4.781	1.960
5 ¾	22.5	4.893	5.044		4.781	2.375
6 5/8	24.0	5.830	5.937		5.656	2.410
6 5/8	17.0-20.0	6.456	6.538	2 7/8 EUE 8RD	5.812	2.410
7	32.0-35.0	6.004	6.094		5.812	2.410
7	26.0-29.0	6.184	6.276		5.968	2.410
7	20.0-26.0	6.276	6.456		6.078	2.410
9 5/8	47.0-53.5	8.535	8.681	3 ½ EUE 8RD	8.218	3.000
9 5/8	40.0-47.0	8.681	8.835		8.437	3.000