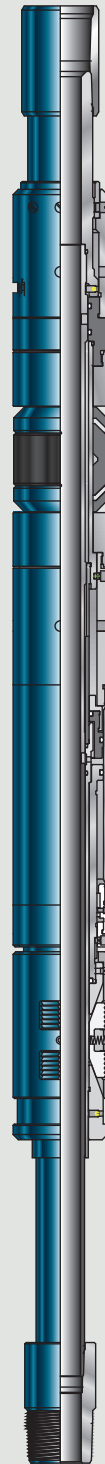


SH-2 HYDRAULIC SETTING PACKERS

Model SH-2 Retrievable Hydraulic Packers can be run in single or multiple zone installations. It is recommended for deviated wells, where conditions are not suitable for mechanical or wireline set packers. No tubing movement is required or generated to set the packer. Once set, the packer is locked in place by one-piece bi-directional slips and will hold high differential pressures. The packer can be released by either straight pull or right-hand tubing rotation. An equalizing and by-pass feature is incorporated in the release mechanism. They are available for 5" through 9 5/8" casing.

Features:

- Sets securely in any hardness casing, including premium grades
- Recommended for deviated wells
- Tubing pressure actuated
- Three piece packing element system
- Straight pull or rotational release
- Bi-directional one-piece slips below the packer



SPECIFICATIONS

Part number	Casing OD	Casing Wt	Setting range		Tool OD	Tool ID	Connection thread	Pump-out plug
	(in)	(lbs/ft)	Min(in)	Max(in)	(in)	(in)		
D31-5000-200	5	15-18	4.276	4.408	4.07	2	2 7/8"-8RD EU	D73-2800-200
D31-5500-300	5 1/2	15.5-23	4.67	4.95	4.5	1.93		
D31-5500-304		9-13	5.044	5.192	4.81	1.93		
D31-7000-301	7	38	5.791	5.921	5.68	2.44		
D31-7000-300		29-35	5.92	6.184	5.812			
D31-7000-302		26-29	6.184	6.454	5.968			
D31-7000-303		20-26	6.276	6.184	6.078			
D31-7000-304		17-20	6.454	5.578	6.266			
D31-7010-311		38	5.791	5.921	5.68	3		
D31-7010-310		29-35	5.92	6.184	5.812			
D31-7010-313	26-29	6.184	6.454	5.968				
D31-7010-312	20-26	6.276	6.184	6.078				
D31-7000-314	17-20	6.454	5.578	6.266				
D31-7600-300	7 5/8	33.7-39	6.579	6.797	6.39	2.44	2 7/8"-8RD EU	With Pump-out plug
D31-7600-301		20-24	7.025	7.125	6.73	3		
D31-7610-310		33.7-39	6.579	6.797	6.39		3 1/2"-8RD EU	
D31-7600-311		20-24	7.025	7.125	6.73			
D31-9600-200	9 5/8	43.5-53.5	8.538	8.755	8.18		3	3 1/2"-8RD EU
D31-9600-201		36-47	8.681	8.921	8.43			