

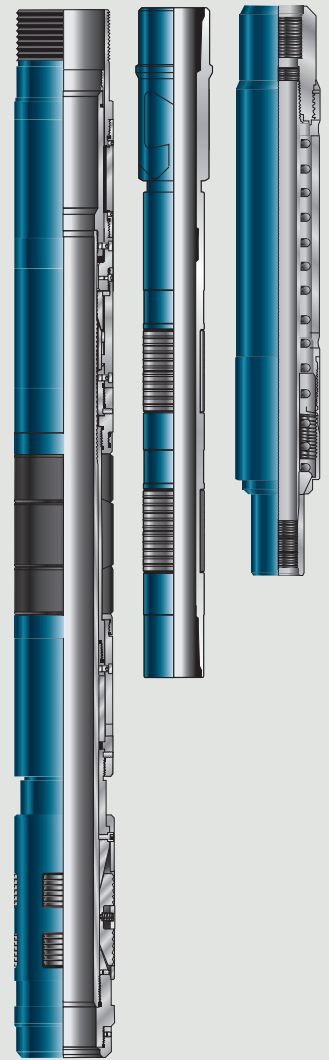
SPP-R RETRIEVABLE PRODUCTION PACKERS

Model SPP-R Retrievable Production Packers are used for production, injection, testing, fracturing, squeeze cementing, gravel packing and as temporary bridge plugs. These wireline set packers are retrievable with tubing, sandline, electric wireline or coil tubing and require no rotation to release or set. The bi-directional one-piece slips hold high pressure differentials from either direction. SPP-R packers use conventional permanent packer seal nipples and accessories. They are available for 3 1/2" through 9 5/8".

Features:

- Sets securely in any hardness casing, including premium grades
- No rotation required to set or release
- Three piece packing element system
- Uses conventional drillable packer seal nipples and accessories
- Threaded pin down connection for easy installation of accessories, such as Screw-Out or Nok-Out Plug kits
- Can be set with GO, Baker or Gearhart wireline Setting Tools

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SPECIFICATIONS

Part number	Casing OD	Casing Wt (lbs/ft)	Setting range		Tool OD (in)	Seal bore (in)	Release force (lbs)	Seal nipple
	(in)		Min(in)	Max(in)				
D52-0350-001	3 1/2	9.2-10.2	2.922	3.031	2.75	2	13,000	D52-0350-046
D52-0450-002	4 1/2	9.5-13.5	3.92	4.09	3.771	1.968	29,000	D52-0450-095
D52-0450-001	4 1/2	9.5-11.6	4	4.09	3.812	2.39		D51-0450-069
D52-0500-001	5	15.0-18.0	4.276	4.408	4.062	2.687		35,000
D52-0550-001	5 1/2	20.0-23.0	4.67	4.778	4.5			
D52-0550-002	5 1/2	13.0-17.0	4.892	5.044	4.656	3.25	48,000	D51-0550-172
D52-0700-001	6 5/8	24.0-32.0	5.675	5.921	5.5			
	7	38						
D52-0700-002	6 5/8	17.0-20.0	6.004	6.184	5.812			
	7	29.0-35.0						
D52-0700-003	7	20.0-29.0	6.184	6.456	5.875			
D52-0762-001	7	17.0-20.0	6.456	6.765	6.187			
	7 5/8	33.7-39.0						
D52-0762-002	7 5/8	20.0-29.7	6.875	7.125	6.652			
D52-0862-001	8 5/8	36.0-49.0	7.511	7.825	7.25			
D52-0862-002	8 5/8	24.0-36.0	7.825	8.097	7.562			
D52-0962-001	9 5/8	43.5-53.5	8.535	8.755	8.187			
D52-0962-002	9 5/8	29.3-43.5	8.755	9.063	8.437			
D52-0962-011	9 5/8	43.5-53.5	8.535	8.755	8.187			
D52-0962-012	9 5/8	29.3-43.5	8.755	9.063	8.437			
						4.75		D52-0962-075