

HPR Isolation System

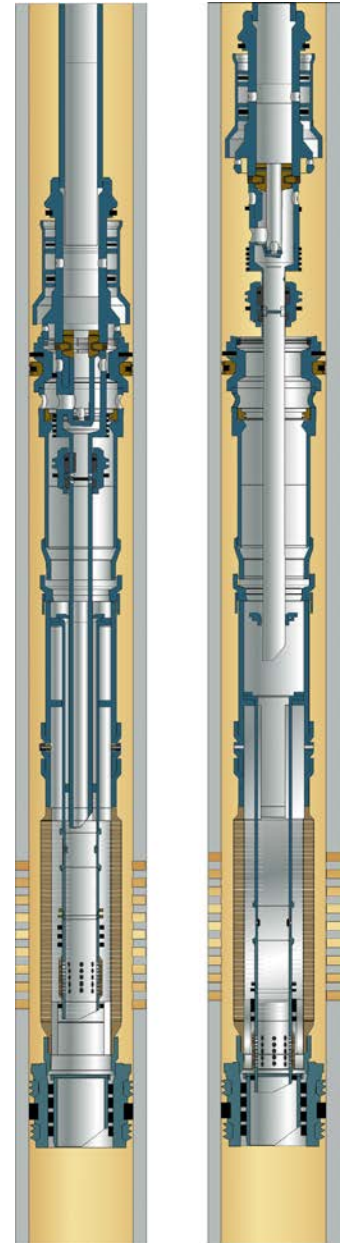
Superior Completion Services' hydraulically powered, retrievable **(HPR) Isolation System** is mechanically actuated to provide formation isolation after gravel or frac-packing. The system uses well hydrostatic pressure to position the isolation string across the production interval. Valve manipulation is not necessary during the job and wash pipe is not required for gravel packing. The HPR system is compatible with standard equipment and can be run with mechanically or hydraulically actuated isolation and production sleeves.

APPLICATIONS

- Zonal isolation
- Single or selective multizone completions
- Fluid loss control

Features and Benefits

- Set-down weight not required to position isolation string
- Eliminates fluid loss and aids in well control
- Simple, straight pickup to actuate
- Debris-resistant design
- Selectively retrievable
- Provides bidirectional zonal isolation
- Eliminates need for wash pipe



HPR Isolation System

TECHNICAL DATA

Available in 2 1/16 to 4 1/2 in. (52.9 to 114.3 mm) isolation tubing sizes
Other sizes available upon request

HPR Isolation System													
Casing OD		Packer Bore		Screen Size				Isolation String					
				Base Pipe		Jacket OD		Pipe OD		MSV Size		MSV ID	
inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm
7.00	177.8	3.25	82.6	4.00	101.6	4.696	119.3	2.375	60.3	2.375	60.3	1.875	47.6
		4.00	101.6	4.00	101.6	4.696	119.3	2.375	60.3	2.375	60.3	1.875	47.6
7.63	193.7	3.25	82.6	4.00	101.6	4.696	2.375	60.3	2.375	60.3	1.875	1.875	47.6
		4.00	101.6	4.50	114.3	5.196	132.0	2.875	73.0	2.875	73.0	2.313	58.5
9.625-10.75	244.5-273.1	3.25-6.00	82.6-152.4	5.50	139.7	6.196	157.4	3.500	88.9	3.500	88.9	2.813	71.5

REFERENCES

- ComPlete™ FP System data sheet
- Multi-service valve data sheet
- Pressure-actuated circulating valve data sheet