## **PERMAPAK - SINGLE BORE**

The Permapak Seal Bore Packer can be used for single or multiple zone completions. It is designed for wells where high pressure/temperatures and corrosive fluids are present and it is available in a variety of elastomers and seal bore materials to meet a wide range of hostile downhole environments. This packer is recommended for injection stimulation and testing or can become a temporary bridge plug when used with our knock-out or pump-out bottom assembly (refer to Permapak Packer

Tubing and Accessories product sheet). The Permapak Seal Bore Packer comes with a complete line of tubing seal accessories and elastomers.

#### **Special Features:**

>Electric Line, hydraulic or mechanical set Components key locked for faster milling >Rubber element is protected by antiextrusion rings that expand to the casing ID

>Full circle slips allow for faster run times

#### **Product Specifications: Single Bore**

Casing		Recommended	Tablob	Packer	Min ID
Size (inches)	Weight (lbs/ft)	Hole Size (inches)	Tool OD (inches)	Bore (inches)	Thru Seals (inches)
3-1/2	7.7 - 10.2	2.922 - 3.068	2.750	1.750	1.187
4	9.5 - 11.6	3.428 - 3.548	3.281	1.750	1.187
	11.6 - 14.8	3.240 - 3.428	3.090	1.750	1.187
4-1/2	9.5 - 13.5	3.920 - 4.090	3.750	2.500	1.910
				2.688	1.938
	15.1	3.826	3.600	2.500	1.910
5	15.0 - 21.4	4.126 - 4.408	3.968	2.500	1.910
				2.688	1.938
5-1/2	13.0 - 17.0	4.892 - 5.044	4.532	2.688	1.938
				3.000	2.375
	17.0 - 23.0	4.670 - 4.892	4.438	2.688	1.938
				3.000	2.375
	23.0 - 26.0	4.548 - 4.670	4.250	2.688	1.938

### **ENVISION DOWNHOLE, LLC**

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# PERMAPAK - SINGLE BORE (continued)

Casing		Recommended	- 100	Packer	Min ID
Size (inches)	Weight (lbs/ft)	Hole Size (inches)	Tool OD (inches)	Bore (inches)	Thru Seals (inches)
6	18.0 - 26.0	5.132 - 5.424	4.875	3.000	2.375
6-5/8	17.0 - 32.0	5.675 - 6.135	5.468	3.250	2.416
7	17.0 - 23.0	6.366 - 6.538	6.000	3.250	2.406
				4.000	3.000
	23.0 - 32.0	6.094 - 6.366	5.813	3.250	2.406
				4.000	3.000
	32.0 - 38.0	5.920 - 6.094	5.625	3.250	2.406
				4.000	3.000
7-5/8	24.0 - 39.0	6.625 - 7.025	6.250	3.250	2.416
				4.000	3.000
8-5/8	24.0 - 32.0	7.921 - 8.097	7.625	4.000	3.000
				5.250	4.250
9-5/8	36.0 - 53.5	8.535 - 8.921	8.125	3.250	2.416
				4.000	3.000
				4.750	3.500
				6.000	4.750
10-3/4	40.5 - 55.5	9.760 - 10.050	9.496	4.000	3.000
			9.300	6.000	4.750
	45.5 - 60.7	9.660 - 9.950	9.300	4.000	3.000
11-3/4	42.0 - 65.0	10.682 - 11.084	10.430	6.000	4.750
13-3/8	54.5 - 77.0	12.275 - 12.615	12.000	9.000	8.000



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