

# HD RETRIEVABLE PACKER



The **HD Retrievable Packer** is a heavy duty service packer ideally suited for all types of squeeze cementing, formation fracturing, high pressure acidizing, etc. It is a large opening compression set packer with hydraulic button-type hold down. This packer withstands high pressure from above or below and uses a 3-element packing system, J-slot, and a drag block mechanism for easy setting. This packer has a built-in unloader which circulates across the hold down buttons to improve retrievability and run in performance.

## Special Features:

- >Large internal by-pass
- >Built in pressure-balanced unloader
- >1/4 turn set and straight pick up release
- >Equalizing ports directly above elements
- >Additional J-slot arrangement available

## Product Specifications:

Casing		Recommended Hole Size (inches)	Gage OD (inches)	Max OD (inches)	Tool ID (inches)	Thread Connections Box Up / Pin Down
Size (inches)	Weight (lbs/ft)					
4	9.5 - 11.0	3.476 - 3.548	3.250	-	1.50	1.900 NUE
4-1/2	9.5 - 13.5	3.920 - 4.090	3.750	-	1.88	2-3/8 EUE
	11.6 - 15.1	3.826 - 4.000	3.656	-	1.75	2-3/8 EUE
5	11.5 - 15.0	4.408 - 4.560	4.125	-	1.88	2-3/8 EUE
	18.0 - 21.0	4.154 - 4.276	3.969	-	1.88	2-3/8 EUE
5-1/2	14.0 - 20.0	4.778 - 5.012	4.625	-	2.00	2-3/8 EUE
	20.0 - 23.0	4.670 - 4.778	4.500	-	2.00	2-3/8 EUE
5-3/4	15.0 - 16.1	5.201-5.240	5.000	-	2.00	2-3/8 EUE
	17.6 - 19.4	5.083-5.146	4.875	-	2.00	2-3/8 EUE
	21.5 - 24.0	4.909-5.004	4.720	-	2.00	2-3/8 EUE
6	17.0 - 20.0	5.352 - 5.450	5.188	-	2.00	2-3/8 EUE

**ENVISION DOWNHOLE, LLC**

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# HD RETRIEVABLE PACKER (continued)

Casing		Recommended Hole Size (inches)	Gage OD (inches)	Max OD (inches)	Tool ID (inches)	Thread Conn. Box Up / Pin Down
Size (inches)	Weight (lbs/ft)					
6-5/8	20.0 - 24.0	5.921 - 6.049	5.750	-	2.50	2-7/8 EUE
	24.0 - 32.0	5.675 - 5.921	5.500	-	2.50	2-7/8 EUE
	32.0 - 35.0	5.575 - 5.675	5.375	-	2.00	2-3/8 EUE
	36.7 - 40.2	5.375 - 5.501	5.188	-	2.00	2-3/8 EUE
7	17.0 - 26.0	6.276 - 6.538	6.000	6.062 <sup>1</sup>	2.50	2-7/8 EUE
	26.0 - 32.0	6.094 - 6.276	5.875	-	2.50	2-7/8 EUE
	29.0 - 35.0	6.004 - 6.184	5.812	5.874 <sup>1</sup>	2.50	2-7/8 EUE
7-5/8	24.0 - 29.7	6.875 - 7.025	6.672	-	2.50	2-7/8 EUE
	33.7 - 39.0	6.625 - 6.765	6.453	6.499 <sup>1</sup>	2.50	2-7/8 EUE
8-5/8	20.0 - 28.0	8.017 - 8.191	7.750	-	3.00	3-1/2 EUE
	24.0 - 40.0	7.725 - 8.097	7.500	7.504 <sup>1</sup>	3.00	3-1/2 EUE
9-5/8	32.3 - 43.5	8.755 - 9.001	8.500	-	4.00	4-1/2 EUE
	43.5 - 53.5	8.535 - 8.755	8.250	-	4.00	4-1/2 EUE
10-3/4	32.75 - 45.5	9.950 - 10.192	9.700	-	4.00	4-1/2 EUE
	51.0 - 65.7	9.560 - 9.850	9.312	9.375 <sup>1</sup>	4.00	4-1/2 EUE
	65.7 - 91.2	9.032 - 9.560	8.813	-	4.00	4-1/2 EUE
11-3/4	42.0 - 65.0	10.682 - 11.084	10.438	10.500 <sup>1</sup>	4.00	4-1/2 EUE
13-3/8	54.5 - 77.0	12.275 - 12.615	12.000	-	4.00	4-1/2 EUE
16	65.0 - 109.0	14.688 - 15.250	14.438	-	5.00	6-5/8 API FULL HOLE TOOL JOINT
17-7/8	-	16.500 - 17.000	16.250	-	3.75	4-1/2 IF TOOL JOINT
18	78.0 - 96.5	16.986 - 17.194	16.750	-	5.00	6-5/8 API FULL HOLE TOOL JOINT
18-5/8	87.5 - 117.5	17.439 - 17.755	17.000	-	5.00	6-5/8 API FULL HOLE TOOL JOINT
20	129.0-169.0	18.376 - 18.730	18.000	-	5.00	6-5/8 API FULL HOLE TOOL JOINT
22	-	19.875 - 20.375	19.500	-	5.00	6-5/8 API FULL HOLE TOOL JOINT

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