

VS-1 X PACKER

The **VS-1 X Single String Double-Grip Production Packer** is one of the most versatile packers on the market. This packer is a modification of the ASI-X Packer with the advantage of being able to set on electric line or hydraulically.

An On-Off Tool Stinger with a Wireline Plug installed can be attached to the top of this packer. This packer can then be lubricated in the hole and set under pressure. Once set, casing pressure can be bled off, and the tubing with an On-Off Tool Overshot can be run and latched onto the packer. The Wireline Plug can then be removed.

This packer easily converts to a mechanically set ASI-X Packer – just remove the shear screws and install drag

blocks and drag block springs. The ASI-X Packer sets with 1/4 right-hand rotation and releases with 1/4 right-hand rotation. The ASI-X Packer can be left in tension, compression or neutral.

NOTE: Stinger and setting equipment must be purchased separately.

Special Features:

- >Can be both wireline or tubing conveyed set
- >Available in shear release
- >By-pass mechanism allows for equilization above and below the packer before upper slips are released
- >can be converted to an AS-1X

Product Specifications:

Casing		Recommended Hole Size (inches)	Tool OD (inches)	Tool ID (inches)	Thread Connections Box Up / Pin Down
Size (inches)	Weight (lbs/ft)				
2-7/8	6.4 - 6.5	2.375 - 2.441	2.250	0.63	1.050 EUE
3-1/2	7.5 - 7.7	3.068 - 3.250	2.938	1.25	1.900 NUE
	7.7 - 10.2	2.922 - 3.068	2.781	1.25	1.900 NUE
	12.95	2.750	2.562	1.00	1.315 EUE / 1.660 EUE
4	9.5 - 11.0	3.476 - 3.548	3.250	1.50	1.900 EUE
	10.46 - 12.95	3.340 - 3.476	3.187	1.50	1.900 EUE
4-1/2	9.5 - 13.5	3.920 - 4.090	3.750	1.94	2-3/8 EUE
	13.5 - 15.1	3.826 - 3.920	3.650	1.94	2-3/8 EUE
	15.1	3.826	3.641	1.94	2-3/8 EUE
	15.1 - 16.6	3.754 - 3.826	3.594	1.50	1.900 EUE
	18.8	3.640	3.437	1.50	1.900 EUE
5	11.5 - 15.0	4.408 - 4.560	4.125	1.94	2-3/8 EUE
	18.0 - 20.8	4.156 - 4.276	4.000	1.94	2-3/8 EUE

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VS-1 X PACKER (Continued)

Casing		Recommended Hole Size (inches)	Tool OD (inches)	Tool ID (inches)	Thread Connections Box Up / Pin Down
Size (inches)	Weight (lbs/ft)				
5-1/2	13.0 - 14.0	5.012 - 5.044	4.813	2.38	2-7/8 EUE
	14.0 - 20.0	4.778 - 5.012	4.625	2.00	2-3/8 EUE
				2.38	2-7/8 EUE
	20.0 - 23.0	4.670 - 4.778	4.500	2.00	2-3/8 EUE
				2.38	2-7/8 EUE
	23.0 - 26.0	4.548 - 4.670	4.390	1.94	2-3/8 EUE
			4.406	2.38	2-7/8 EUE
6	12.0 - 20.0	5.352 - 5.620	5.188	2.38	2-7/8 EUE
6-5/8	17.0 - 24.0	5.921 - 6.135	5.750	2.50	2-7/8 EUE
	20.0 - 24.0	5.921 - 6.049	5.750	3.00	3-1/2 EUE
	24.0 - 32.0	5.675 - 5.921	5.500	2.50	2-7/8 EUE
				3.00	3-1/2 EUE
	32.0 - 34.5	5.575 - 5.675	5.312	2.50	2-7/8 EUE
7	17.0 - 26.0	6.276 - 6.538	6.000	2.50	2-7/8 EUE
				3.00	3-1/2 EUE
	26.0 - 32.0	6.094 - 6.276	5.875	2.50	2-7/8 EUE
				3.00	3-1/2 EUE
	29.0 - 35.0	6.004 - 6.184	5.812	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
				3.00	3-1/2 EUE
	33.7 - 39.0	6.625 - 6.765	6.453	2.50	2-7/8 EUE
				3.00	3-1/2 EUE
8-5/8	20.0 - 28.0	8.017 - 8.191	7.750	4.00	4-1/2 EUE
	24.0 - 40.0	7.725 - 8.097	7.500	2.50	2-7/8 EUE
				3.00	3-1/2 EUE
	32.0 - 40.0	7.725 - 7.921	7.500	4.00	4-1/2 EUE
	44.0 - 49.0	7.511 - 7.625	7.312	2.50	2-7/8 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 - 51.0	9.850 - 10.192	9.625	4.00	4-1/2 EUE
	51.0 - 65.7	9.560 - 9.850	9.312	4.00	4-1/2 EUE
11-3/4	42.0 - 65.0	10.682 - 11.084	10.438	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

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