

ASI-X PACKER

The ASI-X Single String Double-Grip Production Packer is the most versatile of the mechanically set retrievable packers and may be used in any production application. This packer is suited for treating, testing, or injection applications, in pumping or flowing wells, either deep or shallow. This packer can be left in tension or compression depending on well conditions and the required application.

A large internal by-pass reduces swabbing when running and retrieving. The by-pass closes when the packer is set and opens prior to releasing the upper slips when retrieving to allow pressure equalization. The J-slot design allows easy setting and releasing; 1/4 turn right-hand set, 1/4 turn right-hand release.

The standard ASI-X Packer is designed for differential pressures up to 7,000 PSI

(unless noted otherwise). This packer is also available in an HT version which is designed for differential pressures up to 10,000 PSI (unless noted otherwise). The HT version allows this packer to be utilized in completions where high pressure treating operations are performed and it is desirable to leave the tool in the well for production.

Special Features

- > By-pass below upper slips to wash debris when valve is opened
- > By-pass is opened before upper slips are released
- > Can be set with tension for shallow well applications
- > Can be left in tension, compression or neutral
- > 1/4 turn right-hand set, 1/4 turn right-hand release
- > Additional J-Slot arrangements 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)					
2-7/8	6.4 - 6.5	2.375 - 2.441	2.250	2.263 ¹	0.63	1.050 EUE
	8.6	2.259	2.125	2.152 ¹	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	3.312 ¹	1.50	1.900 EUE
	10.46 - 12.95	3.340 - 3.476	3.187	-	1.50	1.900 EUE

ENVISION DOWNHOLE, LLC

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ASI-X PACKER (Continued)

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)					
4-1/2	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	4.220 ¹	1.94	2-3/8 EUE
	15.0 - 18.0	4.276 - 4.408	4.063	-	1.94	2-3/8 EUE
	18.0 - 20.8	4.156 - 4.276	4.000	4.010 ¹	1.94	2-3/8 EUE
	21.4	4.126	3.938	-	1.94	2-3/8 EUE
5-1/2	13.0 - 14.0	5.012	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	4.375	-	1.94	2-3/8 EUE
				-	2.38	2-7/8 EUE
5-3/4	15.0 - 16.1	5.201-5.240	5.000	-	2.00	2-3/8 EUE
				-	2.38	2-7/8 EUE
	17.6 - 19.4	5.083-5.146	4.875	-	2.00	2-3/8 EUE
				-	2.38	2-7/8 EUE
	21.5 - 24.0	4.909-5.004	4.720	-	2.00	2-3/8 EUE
				-	2.38	2-7/8 EUE
6	10.0	5.672	5.375	-	2.50	2-7/8 EUE
	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

Accessory Tools

Profile Nipples



Box x Pin



Pin x Pin

T2 On / Off Tool



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Size (inches)	Weight (lbs/ft)					
7	17.0 - 20.0	6.456 - 6.538	6.250	6.281 ¹	2.50	2-7/8 EUE
				-	3.00	3-1/2 EUE
	17.0 - 26.0	6.276 - 6.538	6.000	6.062 ¹	2.50	2-7/8 EUE
				6.125 ¹	3.00	3-1/2 EUE
	26.0 - 32.0	6.094 - 6.276	5.875	-	2.50	2-7/8 EUE
				5.936 ¹	3.00	3-1/2 EUE
	29.0 - 35.0	6.004 - 6.184	5.812	-	2.50	2-7/8 EUE
	35.0	6.004	5.812	-	3.00	3-1/2 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 - 24.0	8.097 - 8.191	7.750	-	2.50	2-7/8 EUE
	20.0 - 28.0	8.017 - 8.191	7.750	7.827 ¹	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
9-5/8	44.0 - 49.0	7.511 - 7.625	7.312	-	2.50	2-7/8 EUE
	32.3 - 43.5	8.755 - 9.001	8.500	-	4.00	4-1/2 EUE
10-3/4	43.5 - 53.5	8.535 - 8.755	8.250	-	4.00	4-1/2 EUE
	32.75 - 51.0	9.850 - 10.192	9.625	-	4.00	4-1/2 EUE
11-3/4	51.0 - 65.7	9.560 - 9.850	9.312	-	4.00	4-1/2 EUE
	42.0 - 65.0	10.682 - 11.084	10.438	10.502 ¹	4.00	4-1/2 EUE
13-3/8	66.7 - 80.5	10.406 - 10.656	10.200	-	4.00	4-1/2 EUE
16	54.5 - 77.0	12.275 - 12.615	12.000	-	4.00	4-1/2 EUE
18-5/8	65.0 - 109.0	14.688 - 15.250	14.438	-	5.00	7" LTC
20	87.5 - 117.5	17.439 - 17.755	17.000	-	5.00	7" LTC
	133.0 - 169.0	18.376 - 18.730	18.000	-	5.00	7" LTC

Accessory Tools



Pump Out Plug

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