

Well Construction

Downhole Service Tools

HD Retrievable Service Packer

The Expro HD Retrievable Service Packer is a compression set packer specifically designed for remedial applications such as zonal isolation, squeeze cementing, stimulation, temporary abandonment, and other operations where high pressure differentials are necessary.

The HD Retrievable Service Packer is ideal for applications where positive circulation below the packer is required such as in drill stem testing, negative or positive testing, liner top testing, mud conditioning and allows the operator to perform abandonment and negative test operations in a single trip.

Features and benefits

- Heavy-duty mandrel design supports high tensile capacity to hang tailpipe all within a single trip for increased cost savings when combining trips for various applications
- Large internal bypass area increases running and circulation rates to save valuable rig time when tripping in the wellbore and performing fluid displacements
- Compensating piston prevents bypass from opening during testing and squeezing to ensure sustained well integrity





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Specifications						
Casing size (in.)	Weight (lbs-ft)	Casing I.D. range (in.) O.D. (in.)		Thread connections	Max. pressure (psi)	Max. hang-off pressure (lbs)
4-1/2"	9.50 - 13.50	3.920 - 4.090	3.750	2-3/8" EUE	10,000/10,000	58,000
	11.60 - 15.10	3.826 - 4.000	3.656			
5"	11.50 - 15.00	4.408 - 4.56	4.125	2-3/8" EUE	10,000/10,000	57,000
	18.00 - 21.40	4.126 - 4.276	3.969			40,000
5-1/2"	20.00 - 23.00	4.67 - 4.778	4.500	2-3/8" EUE	10,000/10,000	70,500
	14.00 - 20.00	4.778 - 5.012	4.625			70,500
	20.00 - 23.00	4.778 - 5.012	4.625			79,000
6-5/8"	24.00-32.00	5.675 - 5.921	5.500	NC-38	8,000/8,000	150,000
	29.00 - 35.00	6.004 - 6.184	5.810			
7"	26.00 - 32.00	6.094 - 6.276	5.875	2-7/8" EUE NC-38	10,000/10,000	135,000
	17.00 - 23.00	6.276 - 6.56	6.000			
	33.70 - 39.00	6.625 - 6.765	6.453			
7-5/8"	24.00 - 29.70	6.875 - 7.025	6.672	2-7/8" EUE NC-38	10,000/10,000	133,500
	24.00 - 29.70	6.875 - 7.025	6.688			110,000
8-5/8"	40.00 - 49.00	7.511 - 7.725	7.260	NC-50	10,000	248,000
	43.50 - 53.50	8.525 - 8.755	8.250			
9-5/8"	32.30 - 43.50	8.755 - 9.001	8.500	3-1/2" EUE 4-1/2" EUE NC-50	10,000/10,000	240,000
	40.50 - 60.70	9.66 - 10.05	9.375			
10-3/4"	32.75 - 51.00	9.85 - 10.192	9.625	NC-50	7,500/10,000	425,000
	65.00 - 80.50	10.406 - 10.682	10.125			
11-3/4"	42.00 - 60.00	10.711 - 11.084	10.250	NC-50	7,500/10,000	500,000
	77.00 - 102.00	11.875 - 12.275	11.625			
	54.50 - 77.00	12.275 - 12.615	12.000			
13-3/8"	48.00 - 72.00	12.347 - 12.715	12.125	4-1/2" EUE NC-50 6-5/8" EUE	7,500/10,000	600,000
	75.00 - 109.00	14.688 - 15.124	14.250			180,000
16"	75.00 - 109.00	14.688 - 15.124	14.250	NC-50 6-5/8" FH	5,500/5,500	700,000