



INTEGRATOR-X

DESCRIPTION

The INTEGRATOR-X Production Packer is a mechanical set, retrievable casing packer that effectively meets the requirements for zone isolation, injection and production. The full opening ID allows unrestricted flow and passage of full gage wire-line tools and accessories. Mechanical lock-set action closes an internal bypass and allows application of pressure above or below the packer. The bypass closes during setting of the packer and opens to equalize pressure before releasing the slips.

The INTEGRATOR-X is released by one 1/4 turn at the packer followed by straight pickup of the tubing. Seals below the upper slips allow debris above the packer to be washed away prior to releasing the packer. A rotational safety release feature is standard on the 7,500 psi rated packer. This feature is optional on 10,000 psi rated packers. Right hand torque at the packer shears the “J” lug ring. After shearing continue right hand rotation (approximately 12 turns at the tool) releasing the mandrel. Straight pickup releases the packer.

When set the INTEGRATOR-X can be left with production tubing in tension, compression or neutral. This versatility is ideal for shallow wells and applications requiring fiberglass tubing.

INTEGRATOR-X FEATURES AND BENEFITS

- 7,500 psi differential pressure rating.
- 10,000 psi (10K) option for higher pressure applications.
- “Big Bore” version for larger production tubing requirements.
- Large internal bypass.
- Production tubing can be left in tension, compression, or neutral.
- Holds pressure from above or below.
- Seals below upper slips allow flushing of debris prior to releasing.
- Easily converts to a retrievable bridge plug by adding a positive valve assembly.
- Safety release system.
- Components parts are interchangeable with other manufacturers.
- Mechanically set and released with right hand rotation.
- Available in right hand set right hand release and left hand set right hand release.

INTEGRATOR-X PACKER

PRODUCT No. 606 (7.5K), 607 (BB)
655 (10K) 656 (10K BB)



INTEGRATOR-X PRODUCTION PACKER SPECIFICATION

CASING in/mm	CASING WEIGHT lbs./ft.-kg/m	CASING I.D. MIN in./mm	CASING I.D. MAX in./mm	MAX O.D. OF TOOL in/mm	MIN. BORE OF TOOL in/mm	THREAD SPECIFICATION BOX UP-IN DOWN
2-7/8 73,03	6.5 9,07	2,347 69,61	2,441 62,00	2,312 60,73	1,000 60,73	1.315 NU 10 Rd 30,40
3-1/2 88,90	7.7-10.2 11,46-15,18	2,922 74,20	3,088 77,90	2,813 71,45	1,250 31,75	1.900 NU 10 Rd 48,26
4 101,60	9.5 - 11.0 14,14 - 16,37	3,476 88,30	3,648 90,1	3,280 82,55	1,600 38,10	
4-1/2 114,30	15.1 22,47	3,828 97,18	3,828 97,18	3,590 91,49	1,938 49,23	2.375 EU 8 Rd 60,33
	9.5-13.5 14,14 - 22,32	3,92 99,57	4,09 103,89	3,750 95,25		
5 127,00	18 - 20.8 26,78 - 30,95	4,156 105,98	4,276 108,81	4,000 101,80		
	11.5 - 15 17,11 - 22,32	4,408 111,98	4,56 115,82	4,125 104,78		
6-1/2 139,70	20 - 23 29,76 - 34,22	4,67 118,62	4,778 121,36	4,500 114,30		
	17 - 20 25,30 - 29,76	4,778 121,36	4,892 124,28	4,625 117,48		
	14 - 17 20,83 - 25,30	4,892 124,26	5,012 127,70	4,625 117,48		
	20 - 23 29,76 - 34,22	4,67 118,62	4,778 121,36	4,500 114,30		
	15.5 - 17 23,06 - 25,30	4,778 121,36	4,95 125,73	4,625 117,48		
	13 - 15.5 19,34 - 23,06	4,95 125,73	5,044 128,12	4,781 121,44		
	6-5/8 168,28	24-28 35,71-41,66	4,95 147,09	5,920 160,37	5,598 141,94	
		35 - 38 52,00 - 56,54	5,92 150,37	6,004 152,90	5,750 146,05	
7 177,80	26 - 32 38,69 - 47,62	6,094 154,79	6,276 159,41	6,876 149,23		
	17 - 20 25,30 - 29,76	6,466 163,98	6,638 166,10	6,250 158,75		
	20 - 26 29,76 - 38,69	6,276 169,41	6,456 165,17	6,000 162,40		
	26 - 32 38,69 - 47,62	6,094 154,79	6,276 159,41	5,875 149,23		
	17 - 24 25,30 - 35,71	6,338 160,94	6,638 165,07	6,000 152,40		
	33.7 - 39 50,15 - 58,03	6,625 168,28	6,765 171,83	6,463 163,91		
	24 - 29.7 35,71 - 44,19	6,675 174,63	7,025 178,44	6,672 169,47		
	33.7 - 39 50,15 - 58,03	6,625 168,28	6,765 171,83	6,463 163,91		
7-5/8 193,68	24 - 29.7 35,71 - 44,19	6,675 174,63	7,025 178,44	6,672 169,47		
	33.7 - 39 50,15 - 58,03	6,625 168,28	6,765 171,83	6,463 163,91		
	24 - 29.7 35,71 - 44,19	6,675 174,63	7,025 178,44	6,672 169,47		
8-5/8 219,08	32 - 40 47,62 - 59,52	7,725 196,22	7,921 201,19	7,500 190,60		
	24 - 28 35,71 - 41,66	6,617 203,63	6,697 205,86	7,791 196,85		
9-5/8 244,48	43.5 - 53.5 64,72 - 79,61	8,636 216,79	8,766 222,38	8,250 209,55		
	32.3 - 43.5 48,06 - 64,72	8,755 222,38	9,001 228,63	8,500 216,90		

NOTE: Casing weights highlighted in Grey are available in 7.5k and 10k bores. Weights highlighted in Red are available in 7.5K only. Casing weights shaded and in WHITE text are currently unavailable.

RETRIEVABLE PRODUCTION PACKERS

