Integrator-X Packer

Retrievable packer for zone isolation, injection and production

Applications

- Production and injection
- Zone isolation

Features

- Can be set in tension or compression – suitable for shallow and deep applications
- Available in small bore (7,500 psi), large bore (7,500 psi), and high pressure (10,000 psi referred to as 10K)
- Can leave the tubing in a tension, compression or neutral condition
- Holds pressure from above or below
- Multiple configurations available
- Jay setting and releasing mechanism

Benefits

- Internal pressure unloader seal is located below the upper slips; this allows debris to be flushed away from hold-down slips before releasing
- Inserted carbide slips are available for use in high-yield casing

Description

The **Integrator-X Packer** from Evolution Oil Tools, also known as an AS-1X Packer, is a mechanical set, double-grip, 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 wireline 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.

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Operation

Make up the **Integrator-X Packer** with the tubing string and run the packer to setting depth. Pick up on tubing and rotate ¼ turn to the right at the packer.

Lower tubing to engage slips, release right hand torque while moving downward. (**Tubing must be able to rotate back to the left at packer to lock into set position**.)

Continue to set weight on packer to pack off elements. After setting weight on packer, pick up on tubing and pull tension into packer to engage upper slips and complete element pack-off. Repeat setting weight and pulling tension 2-3 times before landing tubing.

Packer may be landed in compression, tension, or neutral position.

Configurations

Casing OD (in/mm)	Casing Weight (lbs/ft kg/m)	Casing Minimum ID (in/mm)	Casing Maximum ID (in/mm)	Maximum OD of Tool (in/mm)	Minimum Tool Bore (in/mm)	Thread Specification Box Up/Pin Down	Item Number
4-1/2 (114.30)	15.1 (22.47)	3.826 (97.18)	3.826 (97.18)	3.65 (92.71)	1.938 (49.23)	2.375 EU (60.33)	606-41-11001
	9.5 – 13.5 (14.14 – 22.32)	3.920 (99.57)	4.09 (103.89)	3.750 (95.25)			606-41-11000
5 (127.00)	18 – 20.8 (26.78 – 30.95)	4.156 (105.56)	4.276 (108.61)	4.000 (101.60)			606-42-11001
	11.5 -15 (17.11 – 22.32)	4.408 (111.96)	4.56 (115.82)	4.125 (104.89)			606-42-11000
5-1/2 (139.70)	20 -23 (29.76 – 34.22)	4.670 (118.62)	4.778 (121.36)	4.500 (114.30)			606-43-11001
	14 – 20 (25.30 – 29.76)	4.778 (121.36)	4.892 (124.26)	4.625 (117.48)			606-43-11000
	20 – 23 (29.76 - 34.22)	4.670 (118.62)	4.778 (121.36)	4.500 (114.30)	2.360 (59.94)	2.875 EU (73.03)	607-43-11001
	15.5 – 17 (23.06 – 25.30)	4.778 (121.36)	4.950 (125.73)	4.625 (117.48)			607-43-11000
	13 – 15.5 (19.34 – 23.06)	4.950 (125.73)	5.044 (128.12)	4.781 (121.44)			607-43-11002

Integrator-X Packer

Configurations (continued)

Casing OD (in/mm)	Casing Weight (lbs/ft kg/m)	Casing Minimum ID (in/mm)	Casing Maximum ID (in/mm)	Maximum OD of Tool (in/mm)	Minimum Tool Bore (in/mm)	Thread Specification Box Up/Pin Down	Item Number
6-5/8 (168.28)	24 -28 (35.71 – 41.66)	4.950 (125.73)	5.920 (150.37)	5.588 (141.94)			606-46-11000
	24-32 (5.675 – 5.921)	6.875 (174.63)	6.276 (159.41)	5.50 (139.7)	3.00 (76.2)	3.500 EU (88.90)	606-46-11001
7 (177.80)	35 – 38 (52.08 – 56.54)	5.920 (150.37)	6.004 (152.50)	5.750 (146.05)	2.360 (59.94)	2.875 EU (73.03)	606-47-11003
	26 – 32 (38.69 – 47.62)	6.094 (154.79)	6.276 (159.41)	5.875 (149.23)			606-47-11002
	17 – 20 (25.30 – 29.76)	6.456 (163.98)	6.538 (166.10)	6.250 (158.75)			606-47-11000
	20 – 26 (29.76 – 38.69)	6.276 (159.41)	6.456 (166.07)	6.000 (152.40)			606-47-11001
	26 -32 (38.69 – 47.62)	6.094 (154.79)	6.276 (159.41)	5.875 (149.23)	3.000 (76.30)	3.500 EU (88.90)	607-47-11000
	17 – 24 (25.30 – 35.71)	6.336 (160.94)	6.538 (166.10)	6.000 (152.40)			607-47-11001
7 5/8 (193.68)	33.7 – 39 (50.15 – 58.03)	6.625 (168.28)	6.765 (171.83)	6.453 (163.91)	2.360 (59.94)	2.875 EU (73.03)	606-48-11001
	24 – 29.7 (35.71 – 44.19)	6.875 (174.63)	7.025 (178.44)	6.672 (169.47)			606-48-11000
	33.7 – 39 (50.15 – 58.03)	6.625 (168.28)	6.765 (171.83)	6.453 (163.91)	3.000 (76.30)	3.500 EU (88.90)	607-48-11001
	24 – 29.7 (35.71 – 44.19)	6.875 (174.63)	7.025 (178.44)	6.672 (169.47)			607-48-11000
8 5/8 (219.1)	24.0-40.0 (35.71-59.53)	6.875 (174.63)	8.017 (203.63)	7.500 (190.50)	3.00 (76.30)	3.500 EU (88.90)	606-52-11001
9 5/8 (244.5)	32.3-43.5 (48.07-64.74)	8.755 (222.38)	9.001 (228.63)	8.500 (215.90)	4.00 (101.6)	4.500 EU (114.3)	606-53-11000
	43.50-53.50 (64.74-79.62)	8.535 (216.79)	8.755 (222.38)	8.250 (209.55)			606-53-11001
	Available Soon						*Other sizes available on request

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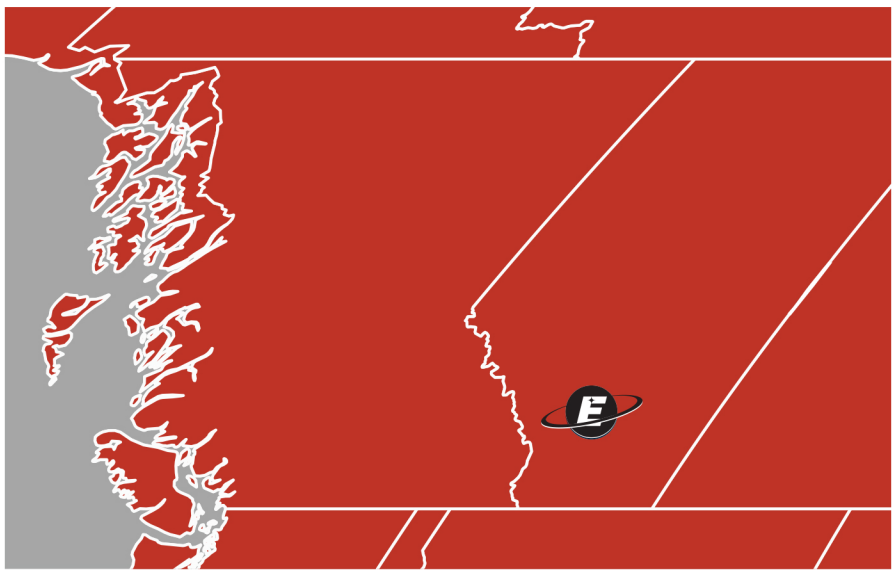

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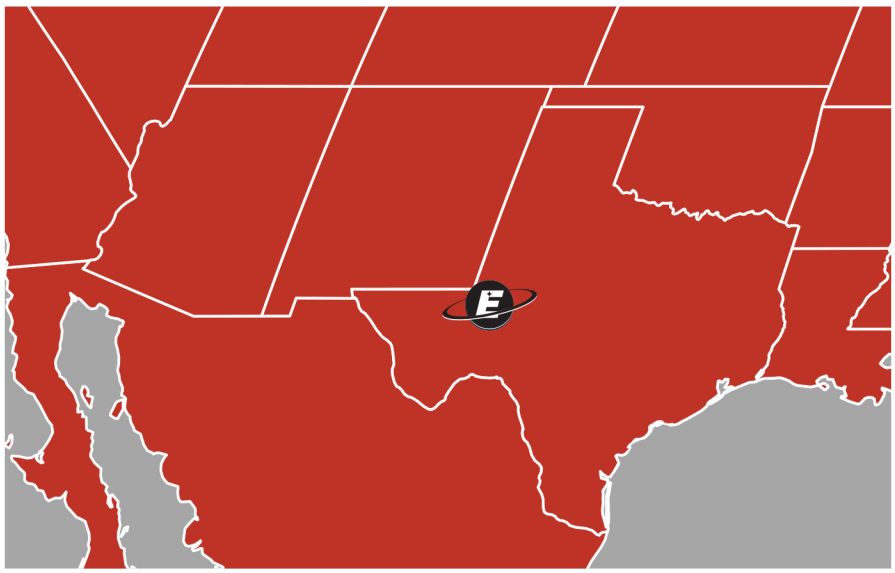

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