

LINER TIEBACK PACKER

MODEL: WC-TSNP

PRODUCT No.: WC-10301

The Liner Tieback Packer is a liner top packer that is most frequently run on drill pipe using a mechanical setting tool and a tie back receptacle liner setting sleeve with tieback extension. The packer is run to the top of an existing liner tieback extension, and the seal stem is inserted until seated and pressure tested down the drill pipe. Additional set-down weight shears the release pins and sets the packer seal. The setting tool is released with right hand rotation.

The tieback stem on the Tieback Packer has three sets of glass-filled Teflon Chevron seals for severe pressure and temperature applications. It features ratchet lock in the setting shoulder to prevent premature setting while running in. Maximum seal integrity is assured by a three-piece rubber sealing element contained by metal back-up rings. Hold down slips and an internal body-lock ring maintains seal compression and prevents floating of short liners.

The Tieback Packer can be released by cutting the inside mandrel in the designated area.

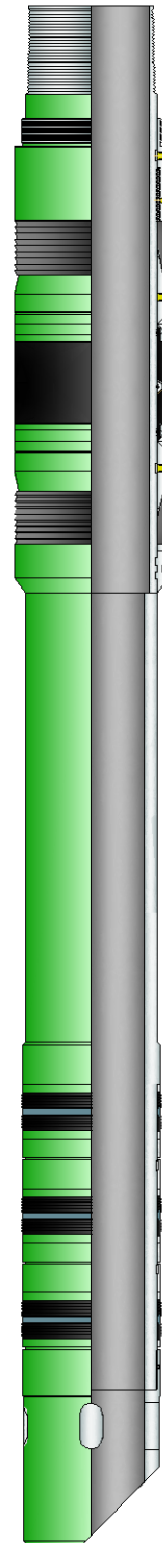
Tieback receptacles are available with this packer in different lengths e.g.: 6 ft, 10 ft, 15 ft, 20 ft etc as per requirements or demand from customers.

Available in rotating or non-rotating configuration with retrievable or no cementing bushing profile running and setting, this assembly may be configured with conventional mechanical right hand release running tool, rotating mechanical running tool or hydraulic release running tool.

The packer is furnished with higher group of API 5CT standard materials as well as with the end connection in compliance to API standards or any premium threads as per the customer's requirement/demand. CRA materials suited for H₂S or CO₂ service are available on request.

■ Features / Benefits:

- Liner top packer run on drill pipe after the liner is cemented.
- Used to prevent micro-annular gas leak at liner top.
- 3-Piece seal element provides high pressure/temperature.
- Integral body lock ring holds a positive set in the seal elements.
- Ratchet lock feature prevents premature set while running in the hole.
- Glass filled Teflon Chevron seals provide high temperature/pressure tie-back capabilities.



■ Specification Guide:

Packer Size (Casing X Packer)		Casing Weight (lbs/ft)	Packer Max. OD inch	Packer Length Approx. ft
inch	mm			
5 3/4 X 4	146.05 X 101.6	18	4.940	10.2
7 X 4	177.8 X 101.6	35	5.819	10.6
7 X 4 1/2	177.8 X 114.3	23.0 -26.0	6.061	10.6
		29.0 – 32.0	5.910	
		35	5.819	
		35.0 – 38.0	5.705	
		38	5.733	
7 X 5	177.8 X 127	23.0 – 26..0	6.061	10.6
		29.0 - 32.0	5.910	
		35.0	5.819	
		38.0	5.733	
7 5/8 X 5	193.7 X 127	33.7 -39	6.440	10.7
		39	6.410	
9 5/8 X 7	244.5 X 177.8	40.0 – 47.0	8.435	11
		47.0 – 53.5	8.312	
		53.5 - 58.4	8.188	
9 5/8 X 7 5/8	244.5 X 193.675	53.5	8.334	11
10 3/4 X 7	273.05 X 177.8	55.5 – 60.7	9.445	11.4
10 3/4 X 7 5/8	273.05 X 193.675	45.1 – 51.0	9.625	11.4
		55.5 - 60.7	9.438	
		65.7 – 73.2	9.160	
		79.2 – 86.36	8.937	
11 3/4 X 9 5/8	298.45 X 244.5	60.0 – 65.0	10.375	11.6
13 3/8 X 9 5/8	339.725 X 244.475	61 - 72	12.125	11.10
13 3/8 X 9 7/8	339.725 X 250.825	61.0 - 72.0	12.125	11.10
13 3/8 X 10 3/4	339.725 X 273.050	54 -61	12.300	11.10
		61 - 72	12.130	
13 3/8 X 11 3/4	339.725 X 298.45	54.5 – 68	12.200	11.10
		68 – 72	12.130	
		77	12.070	
16 X 13 3/8	406.400 X 339.725	75 – 84	14.700	12
		84 - 109	14.375	
20 X 16	508 X 406.400	131 – 169	17.500	12.3
		163 - 187	17.400	