

COMPRESSION SET LINER TOP PACKERS

MODEL: WC-LTP [Without Slip], WC-LTP-S1 [Single Slip]
& WC-LTP-S2 [Double Slip]

PRODUCT No.: WC-10201, WC-10202 & WC-10203

This Liner Top Packer is a high performance packer that suited for most applications set by applying set-down weight by the setting dogs of the packer setting tool through the setting collar or Tie Back receptacle. The packer provides an effective annular seal between the top of the liner and the casing, preventing formation breakdown, loss of cement slurry and gas migration above the liner top during cement curing. This packer features hold down slips, making it suitable for use in deviated or horizontal wells. The packer have integral setting collar to rotate the Liner Hanger during running in and cementing.

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

■ Features / Benefits:

- High performance compression set liner top packer
- Provides effective annular seal at the liner top
- Prevents formation breakdown, loss of cement slurry and gas migration
- Integral body lock ring holds a positive set in the seal elements
- Tieback receptacles are honed for tie- back seals
- Hold down slips prevent light liners from moving

■ Applications:

- Isolate the liner top after the hanger is set and cementing operations are completed
- Isolate of formation pressure below the liner-top from the casing ID above
- Isolate of treating pressures below the liner-top during fracture or acid work
- Isolation of formation fluids while the cement sets, helping to stop gas migration
- Isolation of lost-circulation zones
- The only isolation above the production zone in uncemented liners
- The liner-top packer can also be used as a tie-back completion or production packer.



■ Specification Guide:

Liner Packer Size (Casing X Packer)		Casing Weight (lbs/ft)	Max. OD in.	Length Approx. (Without Slip) in	Length Approx. (Single Slip) in	Length Approx. (Double Slip) in
in	mm					
5 1/2 X 4	139.7 X 101.6	15.5 – 17	4.678	32.313	34.875	38.937
		20.0	4.563			
5 3/4 X 4	146.05 X 101.6	18	4.910	32.750	35.313	39.375
7 X 4 1/2	177.8 X 114.3	23.0 -26.0	6.061	36.375	38.938	43.000
		29.0 – 32.0	5.879			
		32.0 -35.0	5.789			
		35.0 – 38.0	5.705			
		38.0 – 41.0	5.605			
		42.7	5.560			
7 X 5	177.8 X 127	17.0 – 20.0	6.220	36.375	38.938	43.000
		23.0 – 26.0	6.061			
		26.0- 29.0	5.969			
		29.0 - 32.0	5.879			
		32.0 – 35.0	5.789			
		38.0	5.705			
7 5/8 X 5	193.7 X 127	24.0 – 26.4	6.754	36.625	39.188	43.313
		29.7 – 33.7	6.550			
		39.0	6.410			
		42.8	6.300			
		45.3	6.250			
7 5/8 X 5 1/2	193.7 X 139.7	24-26.4	6.625	36.625	39.188	43.313
		29.7-23.7	6.500			
		39	6.375			
9 5/8 X 7	244.5 X 177.8	40.0 – 47.0	8.435	37.391	40.500	45.403
		47.0 – 53.5	8.312			
		53.5 - 58.4	8.234			
		58.4 – 61.1	8.125			
		70.3	7.911			
		75.6	7.815			
9 5/8 X 7 5/8	244.5 X 193.67	32.3 – 40	8.634	37.391	40.500	45.503
		43.5 – 47	8.480			
		47 – 53.5	8.359			
10 3/4 X 7	273.05 X 177.8	55.5 – 60.7	9.438	38.415	41.125	46.128
		65.7 – 73.2	9.160			
10 3/4 X 7 5/8	273.05 X 193.67	45.1 – 51.0	9.625	38.415	41.125	46.128
		55.5 - 60.7	9.438			
		65.7 – 73.2	9.160			
		79.2 – 86.36	8.937			
11 3/4 - 9 5/8	298.45 X 244.5	47.0 – 54.0	10.634	38.915	41.625	46.628
		60.0 – 66.0	10.436			
13 3/8 X 9 5/8	339.72 X 244.47	54.5 - 72	12.140	40.938	43.625	48.625
		48 -98	11.718			
13 3/8 X 9 7/8	339.72 X 250.82	61.0 - 72.0	12.000	40.938	43.625	48.625
13 3/8 X 10 3/4	339.72 X 273.05	48- 72	12.146	40.938	43.625	48.625
13 3/8 X 11 3/4	339.72 X 298.45	54.5 – 68	12.200	40.938	43.625	48.625
		68 – 72	12.130			
		77	12.070			
16 X 13 3/8	406.40 X 339.72	75 – 84	14.700	42.626	45.313	50.313
		84 - 109	14.375			
20 X 16	508 X 406.40	131 – 169	17.500	43.813	46.500	51.500
		163 - 187	17.400			