

MODEL T COMPRESSION PACKER

PRODUCT 20-307

The **TechWest Model T Compression Packer** is a resettable, compact, economical packer for use in shallow to medium depth production or injection installations. It is ideally suited for applications where pressure differential from above is expected.

A *High-Flow* variation of the Model T Packer is available with slots machined into the Drag body and Element Cone to increase the cross-sectional flow area past the Packer. This design feature reduces frictional losses when pumping or flowing past the anchor, allowing for higher flow rates.

FEATURES

- Resettable, compact design with minimal parts.
- Straight motion release.
- Available in a High Flow configuration (reduced x/s area)

OPERATION

Run to the desired setting depth. Make the last motion of the packer in the upwards direction. Make a $\frac{1}{4}$ turn to the right at the tool. Apply compression to the packer causing the slips to fully engage with the casing and energizing the elements. Compression must be maintained at the packer to keep the elements energized.

To release the packer simply remove compression and pick-up the tubing. The Jay mechanism will auto rotate back into the pulling position and the packer may now be moved up or down hole.



SPECIFICATION GUIDE - T Packer Series (20-302, 304, 306, 307)										
CASING					PACKER					
OD	WEIGHT		ID		OD		MIN ID		Connection	Product No
	lb / ft	kg / m	in	mm	in	mm	in	mm		
2 3/8 50.8	4.7	7.0	1.995	50.7	1.81	46.0	0.378	9.6	1.000 NPT	20-302/4/5/6/7-0200
2 7/8 73	6.5	9.7	2.441	62.0	2.20	55.9	0.750	19.1	1.500 NPT	20-302/4/5/6/7-0250
	6.4	9.5	2.441	62.0						
3 1/2 88.9	10.2	15.2	2.992	76.0	2.81	71.4	1.380	35.05	1.500 NPT	20-302/4/5/6/7-0350
	7.7	11.5	3.068	77.9						
4 1/2 114.3	15.1	22.6	3.826	97.2	3.50	88.9	1.610	40.89	1.900 EUE	20-302/4/5/6/7-0440
	13.5	20.1	3.920	99.6						
	11.6	17.3	4.000	101.6	3.80	96.5	1.940	49.1	2 3/8 EUE	20-302/4/5/6/7-0450
	9.5	14.1	4.090	103.9						
5 1/2 139.7	26	38.7	4.548	115.5	4.41	111.9	2.441	62.00	2 7/8 EUE	20-302/4/5/6/7-0530
	23	34.2	4.670	118.6						
	23	34.2	4.670	118.6	4.45	113.0	1.995	50.67	2 3/8 EUE	20-302/4/5/6/7-0540
	23	34.2	4.670	118.6	4.50	114.3	2.441	62.00	2 7/8 EUE	20-302/4/5/6/7-0550
	20	29.8	4.778	121.4						
	17	25.3	4.892	124.3	4.625	117.3	2.441	62.00	2 7/8 EUE	20-302/4/5/6/7-0560
	13	19.3	5.044	128.1						
5 3/4 146.0	24.2	36.0	4.910	124.7	4.728	120.1	2.441	62.00	2 7/8 EUE	20-302/4/5/6/7-0600
	22.5	33.5	4.990	126.7						
	19.5	29.0	5.090	129.3	4.823	122.5	2.441	62.00	2 7/8 EUE	20-302/4/5/6/7-0610
	17	25.3	5.190	131.8						
6 5/8 168.3	32	47.6	5.675	144.1	5.44	138.2	2.441	62.00	2 7/8 EUE	20-302/4/5/6/7-0650
	28	41.7	5.791	147.1						
	24	35.7	5.921	150.4	5.750	146.1	2.441	62.00	2 7/8 EUE	20-302/4/5/6/7-0700
	20	29.8	6.049	153.6						
7 177.8	32	47.6	6.940	154.8	5.750	146.1	2.441	62.00	2 7/8 EUE	20-302/4/5/6/7-0700
	29	43.2	6.184	157.1						
	26	38.7	6.276	159.4	6.00	152.4	2.441	62.00	2 7/8 EUE	20-302/4/5/6/7-0710
	17	25.3	6.538	166.1						
7 5/8 193.7	39	58.0	6.625	168.3	6.45	163.8	2.441	62.84	2 7/8 EUE	20-302/4/5/6/7-0750
	33.7	50.2	6.765	171.3						
	29.7	44.2	6.875	174.6	6.67	169.5	2.441	62.84	2 7/8 EUE	20-302/4/5/6/7-0760
	24	35.7	7.025	178.4						
9 5/8 244.4	53.5	79.6	8.535	216.8	8.25	209.6	4.000	101.6	4 1/2 EUE	20-302/4/5/6/7-0950
	47	69.9	8.681	220.5						
	43.5	64.7	8.755	222.4	8.50	215.9	4.000	101.6	4 1/2 EUE	20-302/4/5/6/7-0960
	32.3	48.1	9.001	228.6						