

THD RETRIEVABLE PACKER

PRODUCT 20-236

The **TechWest THD Retrievable Packer** is a versatile, full bore, bi-directional packer used for stimulation and production testing operations and is especially suited for applications in deep, high pressure wells.

This packer uses hydraulic hold down slips, operated by pressure from below the packer to secure the packer in place when high tubing pressures are encountered. A locking mechanism in the packer keeps the By-Pass closed during high pressure injection operations.

FEATURES

- Quarter turn right-hand turn, straight pull release.
- Three element stack for high pressure operation
- Hydraulic hold-down for reliability and resettability
- Available with Manual-J configuration
- Large internal by-pass

OPERATION

Once on depth, make the last tubing movement upward. Apply right hand torque to the tubing string. Slack off sufficient tubing weight onto the packer to close the by-pass, set the slips and energize the elements.

The packer is released by simply picking up the tubing (when auto-J config.). This action will open the By-Pass and lock the packer in the running position for retrieving or setting again.



SPECIFICATIONS

20-236 and 20-237 SPECIFICATIONS													
CASING					PACKER								
O.D.	WEIGHT		I.D.		THD PRODUCT	SR-2 PRODUCT	GAUGE		BORE ID		EUE		
in/mm	lb/ft	kg/m	in	mm			in	mm	in	mm	in	mm	
4 1/2 114.3	15.1	22.5	3.826	97.2	20-236-2340	20-237-0440	3.620	91.9	1.610	40.9	2 3/8	60.3	
	13.5	20.1	3.920	99.6	20-236-2345	20-237-0450	3.765	95.6	1.938	49.2	2 3/8	60.3	
	9.5	14.1	4.090	103.9									
5 127.0	18	26.8	4.276	108.6	20-236-2350	20-237-0500	4.062	103.2	1.938	49.2	2 3/8	60.3	
	15	22.3	4.408	112.0									
	13	19.3	4.494	114.1	20-236-2351	20-237-0510	4.300	109.2					
	11.5	17.1	4.560	115.8									
5 1/2 139.7	26	38.7	4.548	115.5	20-236-2351	20-237-0510	4.300	109.2	1.930	49.0	2 3/8	60.3	
	23	34.2	4.670	118.6									
	20	29.8	4.778	121.4	20-236-2355	20-237-0550	4.500	114.3	1.930	49.0	2 3/8	60.3	
	20	29.8	4.778	121.4	20-236-2756	20-237-0560	4.500	114.3	2.408	61.2	2 7/8	73.0	
	17	25.3	4.892	124.3									
	17	25.3	4.892	124.3	20-236-2358	20-237-0570	4.641	117.9	1.930	49.0	2 3/8	60.3	
	15.5	23.1	4.950	125.7	20-236-2758	20-237-0580			2.408	61.2	2 7/8	73.0	
	15.5	23.1	4.950	125.7	20-236-2359	20-237-0590	4.728	120.1	1.930	49.0	2 3/8	60.3	
	13	19.3	5.044	128.1	20-236-2759	20-237-0600			2.408	61.2	2 7/8	73.0	
6 5/8 168.3	32	47.6	5.675	144.1	20-236-2765	20-237-0650	5.560	141.2	2.441	61.2	2 7/8	73.0	
	28	41.7	5.791	147.1									
	24	35.7	5.921	150.4	20-236-2766	20-237-0660	5.658	143.7	2.441	61.2	2 7/8	73.0	
20	29.8	6.049	153.6										
7 177.8	38	56.6	5.920	150.4	20-236-2766	20-237-0660	5.658	143.7	2.441	61.2	2 7/8	73.0	
	35	52.1	6.004	152.5									
	32	47.6	6.094	154.8	20-236-2770	20-237-0700	5.875	149.2	2.441	62.0	2 7/8	73.0	
	29	43.2	6.184	157.1	20-236-3570	20-237-0703					3 1/2	88.9	
	29	43.2	6.184	157.1	20-236-2771	20-237-0705	5.968	151.6	2.441	62.0	2 7/8	73.0	
	26	38.7	6.276	159.4	20-236-3571	20-237-0707					3 1/2	88.9	
	26	38.7	6.276	159.4	20-236-2772	20-237-0710	6.023	154.4	2.441	62.0	2 7/8	73.0	
	23	34.2	6.366	161.7	20-236-3572	20-237-0713					3 1/2	88.9	
	26	38.7	6.276	159.4	20-236-2773	20-237-0711	6.078	154.4	2.441	62.0	2 7/8	73.0	
	23	34.2	6.366	161.7	20-236-3573	20-237-0714					3 1/2	88.9	
	20	29.8	6.456	164.0	20-236-2774	20-237-0720	6.230	159.2	2.441	62.0	2 7/8	73.0	
	17	25.3	6.538	166.1	20-236-3574	20-237-0723					3 1/2	88.9	
	7 5/8 193.7	39	58	6.625	168.3	20-236-2776	20-237-0750	6.375	161.9	2.441	62.8	2 7/8	73.0
		33.7	50.2	6.765	171.9								
29.7		44.2	6.875	174.6	20-236-2777	20-237-0760	6.625	168.3					
24	35.7	7.025	178.4										
8 5/8 219.1	49	72.9	7.511	190.8	20-236-3585	20-237-0850	7.260	184.4	3.000	76.2	3 1/2	88.9	
	40	59.5	7.725	196.2									
	36	53.6	7.825	198.2	20-236-3586	20-237-0860	7.600	193					
24	35.7	8.097	205.7										
9 5/8 244.5	53.5	79.6	8.535	216.8	20-236-3595	20-237-0950	8.285	210.4	3.000	76.2	3 1/2	88.9	
	43.5	64.7	8.755	222.4									
	47	69.94	8.681	220.5	20-236-3597	20-237-0970	8.437	214.3					
	40	59.53	8.835	224.4									
	43.5	64.7	8.755	222.4	20-236-3596	20-237-0960	8.500	215.9					
32.3	48.1	9.001	228.6										