

MODEL L PERMANENT PACKER

PRODUCT 20-176

The **TechWest Model L Permanent Packer (10K)** is a large-bore, high pressure, bi-directional permanent packer that is hydraulic or wireline/e-line set.

When set, back up rings provide 360° contact with the casing, preventing extrusion of the element at high temperatures or pressures. Solid one piece slips combined with locked-construction eliminate the danger of premature setting when running. The opposing-slips allow the tubing to be landed in compression or in tension.

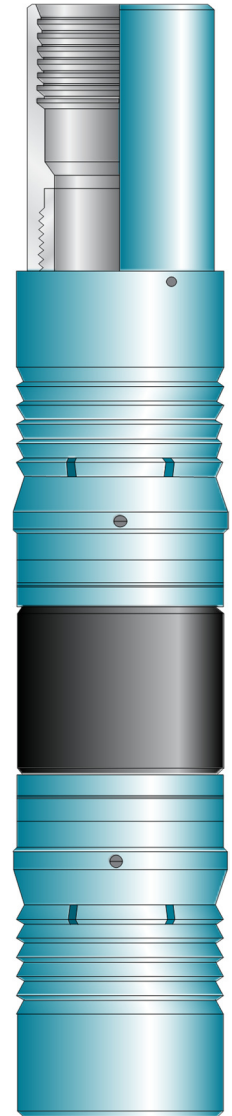
The threaded bottom of the Model L Packer allows direct connection of Tubing Adapters, expendable Plugs, Millout Extensions etc.

OPERATION

The Model L Packer is set either hydraulically using a TechWest Model B Setting Tool (Product 10-270 and 10-271) and L Setting Adapter (Product 10-073) or on wireline using a Baker E-4 Setting Assembly.

Wireline/E-line allows for setting under pressure in a live well without the need for a snubbing or when the setting interval is tight and a precise landing depth is necessary.

The Model L may be removed by milling over and then retrieving.



SPECIFICATIONS

20-176 SPECIFICATION GUIDE															
CASING					PACKER										
OD	Weight		ID		Product Number	OD		Seal Bore		Seal Assembly					
in/mm	lb/ft	kg/m	in	mm		in	mm	in	mm	in	mm				
4 1/2 114.3	16.6	24.7	3.812	96.8	20-176-0450	3.593	91.3	2.390	60.7	1.812	46.0				
	11.6	17.2	4.000	101.6											
	11.6	17.2	4.000	101.6	20-176-0460	3.718	94.4								
	9.5	14.1	4.090	103.8											
5 1/2 139.7	23	34.2	4.670	118.6	20-176-0550	4.437	112.7	3.000	76.2	2.375	60.3				
	17	25.3	4.892	124.2											
	17	25.3	4.892	124.2	20-176-0560	4.562	115.9								
	13	19.3	5.044	128.1											
5 3/4 146	26	38.6	5.140	130.5	20-176-0600	4.728	120.1	3.000	76.2	2.375	60.3				
	20	29.7	5.352	135.9											
	16	23.8	5.500	139.7	20-176-0610	4.823	122.5								
	14	20.8	5.552	141.0											
6 5/8 168.3	24	35.7	5.921	150.3	20-176-0650	5.687	144.4	4.000	101.6	3.000	76.2				
	20	29.7	6.049	153.6											
7 177.8	38	56.5	5.920	150.3	20-176-0650	5.687	144.4								
	29	43.1	6.184	157.0											
	29	43.1	6.184	157.0	20-176-0700	5.875	149.2	4.000	101.6	3.000	76.2				
	26	38.7	6.276	159.4											
	23	34.2	6.366	161.6	20-176-0710	6.000	152.4								
	20	29.8	6.456	164.0											
	17	25.2	6.583	167.2	20-176-0720	6.250	158.8								
7 5/8 193.7	39	58	6.625	168.2	20-176-0720	6.250	158.8					4.000	101.6	3.000	76.2
	29.7	44.1	6.875	174.6											
	33.7	50.1	6.765	171.9	20-176-0750	6.500	165.1								
	24	35.7	7.025	178.4											
8 5/8 219	49	72.9	7.511	190.8	20-176-0850	7.125	181.0	4.000	101.6	3.000	76.2				
	32	47.6	7.921	201.2											
	36	53.6	7.825	198.7	20-176-0860	7.500	190.5								
	24	35.7	8.097	205.6											
9 5/8 244.4	53.5	79.6	8.535	216.8	20-176-0950	8.218	208.7	6.000	152.4	4.875	123.8				
	40	59.5	8.835	224.4											
	43.5	64.7	8.755	222.4	20-176-0960	8.438	214.3								
	36	53.5	8.921	226.6											