

# FRAC-PACKER™



**For hydro-fracturing, pressure grouting, acid injection, zone test-pumping and pressure testing.**



- 4" -12" boreholes (100-300mm)
- Easy to handle
- Easy to operate
- Fast setting
- "Free-in-the-hole" in seconds
- Inexpensive to purchase and maintain

The FRAC-PACKER™ is a multi-purpose down-hole tool designed for use in hydro-fracturing, pressure grouting, acid injection, zone test-pumping, and environmental applications. When activated by a 10,000 psi pump on the surface, a unique hydraulic cylinder compresses 4 rubber seals that lock on borehole walls or casing. Average "setting" time is 1½ minutes! When the pressure is released, the packer is "free in the hole" in 10-15 SECONDS! The engineered "memory" in the rubber seals forces the packer back to original size. The rubber seal sets can be interchanged IN THE FIELD in a few minutes! This durable and time-proven design eliminates expensive and unreliable inflatable elements.



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**Specifications on reverse side.**

# SPECIFICATIONS

**4" - 8" Boreholes (100-200mm)**  
**Model No. PK4075**

**Packer O.D.\***  
 3.75" (95mm)

**Length**  
 41" (1040mm)



**PACKER RUBBERS AND END WASHER SETS**

Outside Dia.	Borehole Range	Assembled Weight (with rubbers and washers)
3.5" (90mm)	4.0-4.75"(100-120mm)	56 lbs. (25 Kg)
4.7" (120mm)	5.00-6.0"(127-150mm)	65 lbs. (29 Kg)
5.1" (130mm)	5.5-6.25"(140-160mm)	69 lbs. (31 Kg)
5.5" (140mm)	6.0-6.75"(150-170mm)	72 lbs. (32 Kg)
7.5" (190mm)	8.0-8.75"(200-220mm)	99 lbs. (45 Kg)

*\*Slightly larger w/cable reins*

**6" - 12" Boreholes (150-300mm)**  
**Model No. PK6012**

**Packer O.D.\***  
 4.88" (124mm)

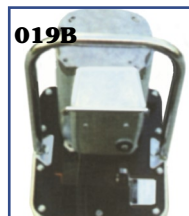
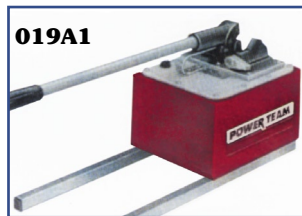
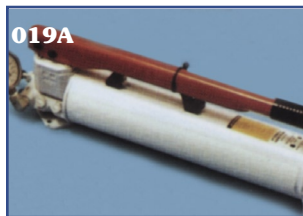
**Length**  
 45" (1143mm)



**PACKER RUBBERS AND END WASHER SETS**

Outside Dia.	Borehole Range	Assembled Weight (with rubbers and washers)
5.5" (140mm)	6.0-6.75"(150-170mm)	115 lbs.(52 Kg)
7.5" (190mm)	8.0-8.75"(200-220mm)	141 lbs.(64 Kg)
9.0" (230mm)	9.5-10.25"(240-260mm)	173 lbs.(79 Kg)
11.0" (280mm)	11.5-12.25"(290-310mm)	207 lbs.(94 Kg)

*\*Slightly larger w/cable reins*



**PACKER PUMPS** 2-stage, hand-operated (2 sizes), and 12 vdc operated. 10,000 psi (700 bar) with pressure gauge and environmentally safe oil

Part No.	Operation	Reservoir Size	Weight
019A*	Hand	137 cu. in. (2.2 l)	25 lbs. (11 Kg)
019A1	Hand	460 cu. in. (7.5 l)	57 lbs. (26 Kg)
019B	12vdc	295 cu. in. (4.8 l)	45 lbs. (20 Kg)

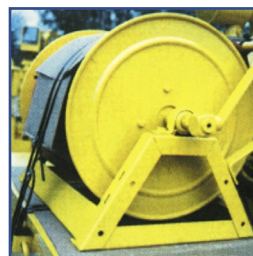
\* Not recommended for depths exceeding 125' (38m).

**FRAC-PIPE™**

- Lightweight, stainless steel pipe with a patented, hand-tightened joint
- Eliminates the need for a hoisting derrick

**PACKER RUBBERS**

- Interchangeable
- Reversible
- Tough
- Easy to assemble
- Inexpensive



**HIGH PRESSURE HOSE REELS** 10,000 psi (700 bar)

Part No.	Capacity	Weight (less hose)
10B1	450' (137m)	40 lbs. (18 Kg)
10B2	875' (267m)	55 lbs. (25 Kg)

**HIGH PRESSURE PACKER HOSE**  
 Pre-charged with environmentally safe oil 1/4" (6mm) inside diameter, 10,000 psi (700 bar)

Part No.	Length	Weight
017A	125' (38m)	32 lbs. (15 Kg)
017B	225' (68m)	68 lbs. (31 Kg)
017C	325' (100m)	97 lbs. (44 Kg)
017D	450' (137m)	135 lbs. (61 Kg)
017E	550' (168m)	165 lbs. (75 Kg)
017F	650' (200m)	194 lbs. (88 Kg)
017G	875' (267m)	261 lbs. (119 Kg)



**WFT WELL-FRAC™** systems provide everything needed for total well development and service.

**ASK FOR BROCHURE AND VIDEOTAPE ON VHS OR CD-ROM**



Flatwater Fleet, Inc., reserves the right to change specifications at any time without notice as part of our goal to constantly seek product improvements. The only warranty applicable is our standard written warranty. No other warranties exist whether expressed or implied.

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