



Manufacturer of Inflatable Packers, Flow Control Valves, Pitless Units and other products for investigating, controlling and producing the EARTH'S FLUIDS.™

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SPECIFICATION SHEET:

Packer Model MD-6.2

Medium Duty, Sliding-Head Type (USA Pat. No. 4,455,027)

Dimensions and Confined/Unconfined Test Pressures:

Uninflated O.D., max.	6.2"	157 mm
Largest recommended hole size	12.0"	305 mm
Mandrel pipe size, nominal	3"	76 mm
Approximate mandrel pipe I.D.	2.50"	64 mm
Uninflated element length, min.	50"	1,270 mm
Tested unconfined to	500 psi	34 bar
Tested confined in a 9.75" (248 mm) chamber to	1,000 psi	68 bar

Differential Pressure Rating (DPR): in single packer applications, for specific hole sizes

Inside diameter of casing or borehole		Pressure to stretch rubber element		Maximum borehole differential pressure rating		Maximum inflation pressure over the packer submergence	
inches	mm	psi	bar	psi	bar	psi	bar
7.0	178	20	1.5	1,000	68	1,500	102
8.0	203	30	2	1,000	68	1,500	102
9.0	229	40	3	800	54	1,250	85
10.0	254	60	4	600	40	1,000	68
11.0	280	80	5	500	34	900	61
11.5	292	100	7	400	27	800	54
12.0	305	150	10	300	20	600	40

Please call factory for DPR in straddle packer applications.

Construction and Materials:

Element	Construction	Fully-reinforced (reinforcing the entire length of element)
	Materials	Reinforced natural rubber, with outer covering of natural rubber
	Connection to ends	17" (432 mm) high strength steel Continuous Crimp Collar
Heads	Connection	3/8" NPT inflation ports, top and bottom
Mandrel	Pipe	3" nominal
	Material	high strength steel, high phosphate electroless nickel OD plating
	Connection	standard with 3.5" O.D. NUE thread, top and bottom

Accessories:

Replacement Element	Model MDE-6.2	the replacement element for our MD-6.2
In-Line Adapter	Model ILA3.0	3" nominal pipe size, Aluminum, 8 top ports Includes an assortment of brass fittings for sealing electrical leads in varying diameters: 3/16", 1/4", 3/8"

Shipping Data:

Approximate net weight	300 lbs.	140 kg
Approximate net length	130" x 11" x 15"	3.3m x 0.3m x 0.4m

Pricing and Terms:

Please call for pricing, FOB Denver factory and valid for 60 days.
 Our terms are prepay (wire transfer, Visa, MasterCard, or certified check).
 Company checks require approximately two (2) weeks to clear.