



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-1.8

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

Dimensions and Confined/Unconfined Test Pressures:

Uninflated O.D., max.	1.8"	46 mm
Largest recommended hole size	3.5"	89 mm
Mandrel pipe size, nominal	1/2"	12 mm
Approximate mandrel pipe I.D.	0.55"	14 mm
Uninflated element length, min.	40"	1,016 mm
Tested unconfined to	500 psi	35 bar
Tested confined in a 2-1/2" (64 mm) chamber to	800 psi	55 bar

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

Cased or Competent Hole Size		Maximum Differential Pressure Rating	
inches	mm	psi	bar
2.25	57	1,000	70
2.5	64	875	60
3.0	76	800	55
3.5	89	300	20

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	5" (127 mm) Type 316 stainless steel Continuous Crimp Collar
Heads	Inflation connection	1/16" NPT, top and bottom
Mandrel	Pipe	1/2" Schedule 80 pipe
	Material	Type 316 stainless steel
	Connection	1/2" NPT, top and bottom
Other	Metal Parts	all Type 316 stainless steel

Accessories:

In-Line Adapters custom order specify materials and number of top ports

Shipping Data:

Approx. net weight	24 lbs.	44 kg
Approx. net length	65"	1,650 mm

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.