



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-2.7

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

Dimensions and Confined/Unconfined Test Pressures:

Uninflated O.D., max.	2.7"	69 mm
Largest recommended hole size	5.0"	127 mm
Mandrel pipe size, nominal	1"	25 mm
Approximate mandrel pipe I.D.	0.96"	24 mm
Uninflated element length, min.	40"	1,016 mm
Tested unconfined to	500 psi	35 bar
Tested confined in a 4" (102 mm) chamber to	1,000 psi	70 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
3.0	76	900	60
4.0	102	800	55
5.0	127	400	30

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
Heads	Connection to ends	7.3" (185 mm) Type 316 stainless steel Continuous Crimp Collar
Mandrel	Pipe	1/8" NPT inflation ports, top and bottom
	Pipe	1" Schedule 80 pipe
	Material	Type 316 stainless steel
	Connection	1" NPT, top and bottom
Other	Metal Parts	all Type 316 stainless steel

Accessories:

In-Line Adapter	Model ILA1.0	1" nominal pipe size, Aluminum, 8 top ports Includes an assortment of brass fittings for sealing electrical leads in varying diam., 3/16", 1/4", 3/8"
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Shipping Data:

Approx. net weight	30 lbs.	14 kg
Approx. net length	73-1/2"	1,870 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.