



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-10.0

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

Dimensions and Confined/Unconfined Test Pressures:

Uninflated O.D., max.	10.0"	254 mm
Largest recommended hole size	18.0"	457 mm
Mandrel pipe O.D.	6.0"	152 mm
Approximate mandrel pipe I.D.	5.0"	127 mm
Uninflated element length, min.	70"	1,778 mm
Tested unconfined to	500 psi	34 bar
Tested confined in a 13.5" (343 mm) I.D. chamber to	1,000 psi	69 bar

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

Cased or Competent Hole Size		Maximum Differential Pressure Rating		Maximum Inflation Pressure over the Submergence	
<u>inches</u>	<u>mm</u>	<u>psi</u>	<u>bar</u>	<u>psi</u>	<u>bar</u>
11.0	279	1000	69	1850	128
12.0	305	800	55	1550	107
14.0	356	500	34	1000	69
16.0	406	300	21	700	48
18.0	457	200	14	500	34

Please call factory for DPR in straddle packer applications.

Construction and Materials:

Element	Construction Materials	Fully-reinforced (reinforcing the entire length of element) Reinforced natural rubber, with outer covering of natural rubber
Heads	Connection to ends	21" (533 mm) high strength steel Continuous Crimp Collar
Mandrel	Pipe Connection	three 3/8" NPT inflation ports on top and bottom
	Pipe Material	6.0" O.D. x 0.5" wall high strength steel, chrome plated
	Connection	Threaded 6.0" (152 mm) O.D. 10 round pattern, top and bottom
Other	Metal parts	steel, chromed steel, bronze

Accessories:

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

Shipping Data:

Approx. net weight	1,200 lbs.	540 kg
Approx. net length	160"	4.06 m

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.