



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

Email: [info@baski.com](mailto:info@baski.com)  
 Website: [www.baski.com](http://www.baski.com)

Phone: 1-303-789-1200 • 1-800-55-BASKI  
 FAX: 1-303-789-0900

**SPECIFICATION SHEET:**

**Packer Model MD-5.5**

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

**Dimensions and Confined/Unconfined Test Pressures:**

Uninflated O.D., max.	5.5"	140 mm
Largest recommended hole size	10.5"	267 mm
Mandrel pipe size, nominal	2-1/2"	64 mm
Approximate mandrel pipe I.D.	2.32"	59 mm
Uninflated element length, min.	50"	1,270 mm
Tested unconfined to	500 psi	35 bar
Tested confined in a 8" (203 mm) chamber to	900 psi	60 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
6.0	152	1,300	90
7.0	178	1,200	85
8.0	203	900	60
9.0	229	600	40
9.5	241	400	30
10.5	267	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
Heads	Connection to ends	14" (356 mm) high strength steel Continuous Crimp Collar
Mandrel	Connection	1/4" NPT inflation ports, top and bottom
	Pipe	2-1/2" nominal
	Material	high strength stainless steel, chrome plated
	Connection	2-1/2" NPT, top and bottom
Other	Metal Parts	Aluminum and stainless steel

**Accessories:**

In-Line Adapter	Model ILA2.5	2-1/2" 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	175 lbs.	79 kg
Approx. net length	96"	2,438 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.