



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
Website: www.baski.com

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

SPECIFICATION SHEET:

Packer Model MD-7.5

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

Dimensions and Confined/Unconfined Test Pressures:

Uninflated O.D., max.	7.5"	191 mm
Largest recommended hole size	14"	356 mm
Mandrel pipe size, nominal	4"	102 mm
Approximate mandrel pipe I.D.	3.5"	89 mm
Uninflated element length, min.	60"	1,524 mm
Tested unconfined to	500 psi	35 bar
Tested confined in a 13.5" (343 mm) chamber to	1000 psi	69 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
9.0	229	30	2	2,500	172	3,000	206
10.0	254	40	3	2,100	145	2,500	172
11.0	279	45	3.5	1,500	103	2,000	137
12.0	305	55	4	1,150	79	1,500	103
13.0	330	70	5	650	45	1,000	69
14.0	356	85	6	450	31	800	55

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	18" (457 mm) high strength steel Continuous Crimp Collar
Mandrel	Connection	3/8" NPT on top inflation port, 1/4" NPT on bottom
	Pipe	4" nominal
	Material	high strength steel, high phosphate electro-less nickel plated
	Connection	API 4.5" (114 mm) O.D. short casing, 8 round, top and bottom
Other	Metal parts	steel and nickel plated steel

Accessories:

In-Line Adapter	Custom ILA4.5SC	Made to order. ILAs of this size are customized for the customer's needs.
-----------------	-----------------	---

Shipping Data:

Approx. net weight	640 lbs.	290 kg
Approx. net length	142" x 10" x 15"	3,607 x 254 x 381mm

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.