



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:

Fracker™ Model FR-3.3

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

Dimensions and Confined/Unconfined Test Pressures:

Uninflated O.D., max.	3.3"	84 mm
Largest recommended hole size	4.75"	121 mm
Approximate mandrel pipe O.D.	1-1/2"	38 mm
Approximate mandrel pipe I.D.	0.81"	21 mm
Uninflated element length, min.	45"	1,143 mm
Tested unconfined to	1,500 psi	103 bar
Tested confined in a 3.75" I.D. pipe to	4,500 psi	310 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
3.5	89	40	3	3,200	221	4,000	276
3.75	95	55	4	3,100	214	3,800	262
4.0	102	80	6	2,900	200	3,400	234
4.25	108	105	7	2,500	172	3,000	207
4.5	114	150	10	2,100	145	2,700	186
4.75	121	335	23	1,600	110	2,300	159

Please call factory for DPR in straddle packer applications.

Construction and Materials:

Element	Construction	Fully-reinforced (reinforcing the entire length of element)
	Materials	Aramid reinforced natural rubber, outer covering of natural rubber
	Connection to ends	12" (305 mm) high strength steel Continuous Crimp Collar
Heads	Top	Stainless steel, with 1/4" (6 mm) NPT inflation ports
	Bottom	Stainless steel, with Dirt Wiper™ and 1/4" (6 mm) NPT inflation port
Mandrel	Pipe	1.55" (38 mm) O.D., 0.344" (9 mm) wall
	Material	high strength steel tubing, high phosphate electro-less nickel plated
	Connection	API 1.5" (38 mm) non-upset tubing thread, 10 round pattern, top and bottom

Accessories:

Replacement Element	Model FRE-3.3	the replacement element for our Fracker™ FR-3.3
Frac pipe, high strength	supplied in 10' lengths	1-1/4" nominal, used to connect straddle packers

Shipping Data:

Approx. net weight	115 lbs.	52 kg
Approx. net length	85"	2,160 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.