

DuraFRAC® Mini



DuraFRAC® Mini:

Designed for hydraulic fracturing determination of in-situ rock stresses using IPI DuraFRAC® inflatable packer elements. IPI packers deflate faster and recover to their original diameter better than any packers on the market, enabling them to be run with smaller radial clearances.

Applications:

- ◆ Rock stress testing
- ◆ Other geotechnical applications

Benefits:

- ◆ Exceptional packer durability
- ◆ Single or Straddle packer system options
- ◆ Use in any hole orientation (i.e up-hole or horizontally)
- ◆ Standard 1m injection (test) zone - can be designed shorter, if shorter intervals are required
- ◆ Standard diameters from: 33mm (1 1/3") up
- ◆ Pressures up to 12,000 psi (850 bar)

Auxiliary Equipment:

- ◆ Deflation dump valve
- ◆ Use in conjunction with impression packers to analyze formation fractures
- ◆ Downhole pressure sensors and housings available for larger sizes
- ◆ Dual wall push rods (see over for more details)
- ◆ Air vent valve for up-hole use
- ◆ High pressure inflation & test pump
- ◆ Data acquisition system
- ◆ Flow control board

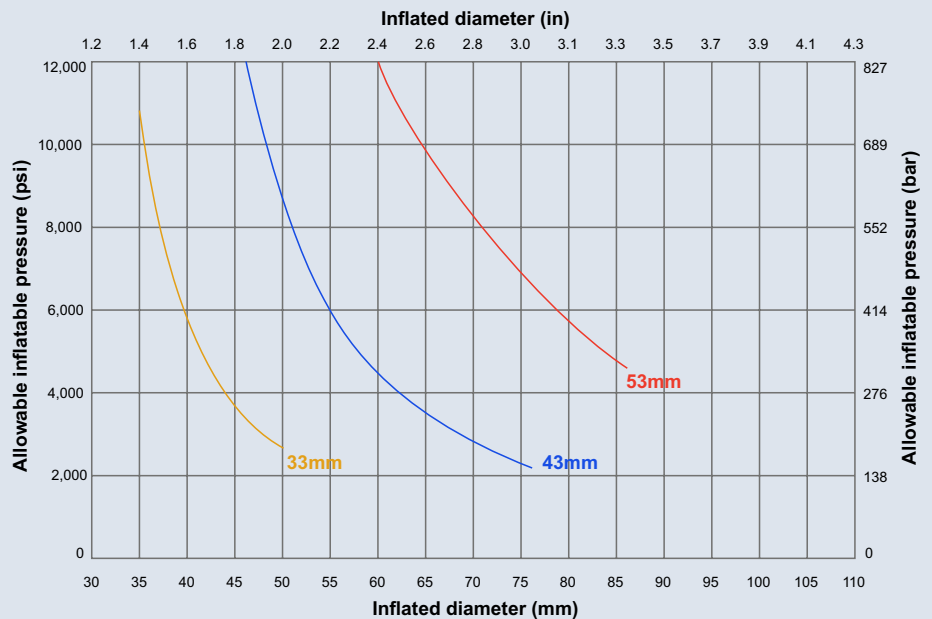


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Standard System Configurations:

Packer diameters*	33mm, 43mm, 53mm
Packer effective lengths	175mm, 500mm
Test zone length	100mm, 500mm
Rubber options	Natural (NR) Nitrile (NBR) Hydrogenated Nitrile (HNBR)

Packer Pressure vs. Inflated Diameter:



Dual Wall Push Rods:

Designed specifically for DuraFRAC® Mini packer system, push rods are light weight and enable manual deployment of the packers without the complication of separate injection pipe & inflation tube. Being o-ring sealed to guarantee pressure integrity, they simply screw together by hand as the system is installed in the borehole.

* other sizes available on request

