

DuraFRAC® HP Straddle



DuraFRAC® HP Straddle:

Designed specifically to suit pre-conditioning for rock burst mitigation and for block caving via very high pressure hydraulic fracturing. IPI packers deflate faster and recover to their original diameter better than any packers on the market, enabling them to be run with lower annular clearances.

Applications:

- ◆ Hydraulic pre-conditioning for block caving
- ◆ Rock burst mitigation
- ◆ Other Hydraulic fracturing

Benefits:

- ◆ Exceptional packer durability
- ◆ Use in any hole orientation (i.e up-hole or horizontally)
- ◆ Injection zones as short as 350mm
- ◆ Standard diameters for NQ (76mm) and HQ (96mm) size holes
- ◆ Pressure rating up to 12,000 psi (850 bar)
- ◆ Option of “XHP” packer elements with pressures >13,000psi
- ◆ Available in both carbon steel and stainless steel
- ◆ Lead-in wiper to minimize rock particle puncture when used up-hole
- ◆ Bypass feature to equalise pressure below and above the injection zone
- ◆ BQ rod connection and 1/4” tube inflation connection as standard

Auxiliary Equipment:

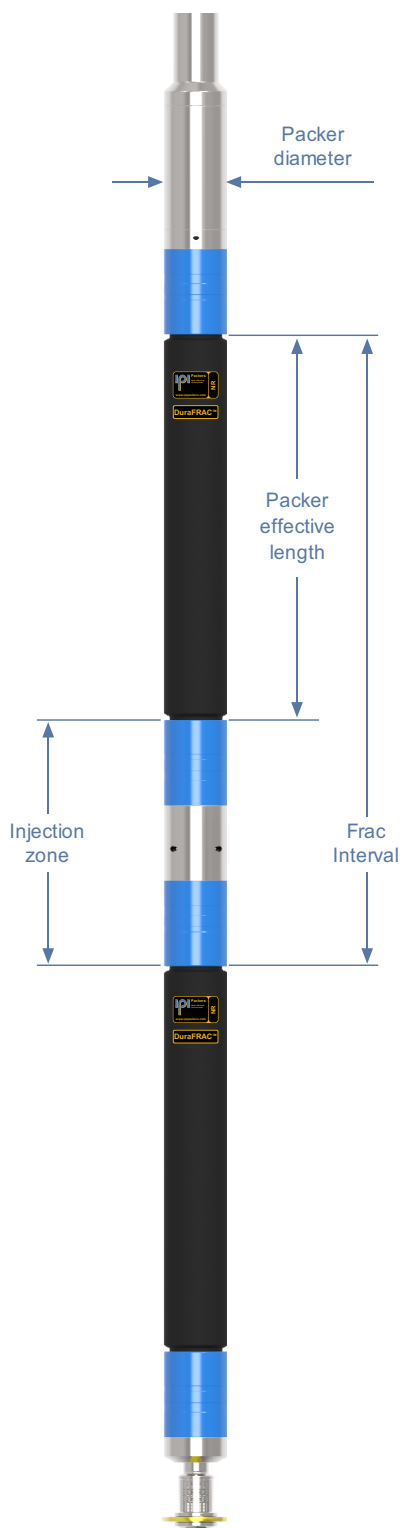
- ◆ Setting tools available to avoid use of external inflation lines
- ◆ Deflation dump valve
- ◆ Use in conjunction with impression packers to analyze formation fractures
- ◆ Downhole pressure sensors and housings
- ◆ Single or dual wall push rods



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Standard System Configurations:

Hole Size	Packer Diameter		Packer Effective Length		Frac Interval	
	in	mm	in	mm	in	mm
NQ	2.75	70	15.75	400	29.5	750
			15.75	400	39.4	1000
			35.43	900	59.0	1500
HQ	3.5	89	35.43	900	58.0	1475
			15.75	400	38.4	975



Packer Pressure vs. Inflated Diameter:

