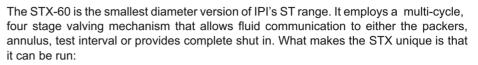


# Inflatable Packers International

Designers and manufacturers of inflatable packers and associated equipment www.inflatable-packers.com





- As a wireline tool in conjunction with a 3m or longer mineral wireline coring system;
  - Or, on rods/tubing including coiled tubing.

As with all other setting tools in IPI's range, shifting between different stages is accomplished by axial movement only – no rotation is required. The multi-stage functionality enables multiple tests in a single run without pulling out of hole.

#### **APPLICATIONS:**

- Permeability testing
- Hydrojacking
- Hydraulic fracturing
- Rock stress testing
- Selective stimulation
- Casing integrity testing
- Caprock integrity testing

### FEATURES:

- Run in on either wireline or on rods/tubing
- Ease of use no control lines, no rod rotation, no down hole pumps required
- Inflation bypass design -no 'squeeze' pressure while inflating the straddle packers
- Zero displacement valve design maintains accurate shut-in pressures after the tool is shifted from injection/inflow to shut-in. Prevents spiking the formation when shifting from shut-in to test zone, which can cause jacking/fracking.
- Balanced valve piston the tool is in equilibrium
- Ability to circulate while shut-in
- Ability to blow down the fluid in the drill pipe/tubing whilst in circulating stage by using compressed air/nitrogen, to facilitate DST or slug withdrawal testing
- All inlet/outlet ports are protected by filter screens to prevent ingress of solids
- Emergency deflation can be activated by over-pull in the event that the packers will not deflate by normal means
- Cased and open hole application



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# **STX-60**

# **COMPATIBLE PACKER SYSTEMS**

PACKER SIZE		WIRELINE		TUBING	
mm	inch	Hole Size	Max. Pressure	Hole Size	Max. Pressure
Ø57	Ø2 1⁄4	HQ (Ø96mm)	2500 psi	Ø76mm	5000 psi
				Ø96mm	2500 psi
Ø60	Ø2 ¾	HQ (Ø96mm)	1500 psi	Ø76mm	2500 psi
000	WZ 78			Ø96mm	2000 psi
Ø67	Ø2 %	PQ (Ø122mm)	2500 psi	Ø96mm	5000 psi
				Ø140mm	1700 psi
Ø70	Ø2 ¾	PQ (Ø122mm)	1500 psi	Ø96mm	2000 psi
				Ø122mm	1500 psi
Ø86	Ø3 ¾	N/A	N/A	Ø96mm	5000 psi
				Ø152mm	2000 psi

## **SPECIFICATIONS**

Minimum Tool Diameter	60mm	
Run in Mineral Wireline Coring System	HQ or PQ Size	
Run in on Tubing/Pipe	NQ, HQ & PQ	
Max. Pressure Rating	5000 psi (34.5 MPa)	
Max. Temperature Rating **	70° C (158° F)	
Max. Pull (Emergency Deflate)	4.4 T (9700 lb)	
Max. Axial load (1.6 safety factor)	13.5 T (29,762 lb)	

<sup>\*\*</sup>Maximum temperature rating on a standard tool.

Tools requiring higher temperatures can be supplied, as well as change over kits to existing tools to a maximum temperature of 130°C/266°F.

## PRESSURE vs. FLOW

