

Thru-Tubing Permanent Inflatable Bridge Plug (TTPIBP)



Inflatable Technology:

An inflatable element is a hydro-mechanical sealing device to be conveyed into a wellbore on a wide range of tool chassis. IPI's unique design of composite element allows the versatility to set in an ID significantly larger (+/- 300%) than its run in OD and where applicable be released and retrieved. The IPI design offers a true wellbore seal in both directions and has proven itself in over 13,000 applications to be the most robust inflatable element while offering the industry's best in class recoverability. Open hole, through tubing, cased hole, oval pipe, scale, perforated, nonstandard etc. conditions make IPI inflatable elements your path to success.

TTPIBP:

The TTPIBP allows for permanent wellbore isolation in cased or open hole conditions in a live-well deployment condition. The tool comes supplied with a fit-for-purpose chassis to support the varying requirements of running on coiled tubing or snubbing pipe such as circulating, spotting, cement placement etc.

Applications:

- ◆ Plug and Abandonment (P&A)
- ◆ Zonal Isolation
- ◆ Water / Gas Shutoff
- ◆ Cement / Bismuth Alloy Plug Base

Benefits:

- ◆ High expansion element allows for **setting through / below restrictions**
- ◆ Live well deployment **negates requirement for rig assisted operations**
- ◆ Full cover elastomeric sealing element allows **bi-directional pressure integrity**
- ◆ DuraGRIP™ technology provides **cased hole anchoring** with no slip point-loading
- ◆ Element design facilitates **sealing in irregular IDs** where traditional mechanical packing elements don't (scale, perforations, oval pipe, slotted liner, open hole etc.)

Available Sizes:

Inflation Valve OD		Packer OD*		Max Inflation Diameter	
in	mm	in	mm	in	mm
2.125	54	2.125	54	4	101
		2.25	57	4.75	120
		2.5	64	5	130
		2.68	68	5.5	140
		2.75	70	6.75	171
		3	76	7.3	185
		3.25	83	7.9	202

* different packer sizes are available upon custom request

