



## Thru-Tubing Permanent Inflatable Bridge Plug (TT-PIBP)

IPI's thru-tubing permanent inflatable bridge plug (TT-PIBP), utilizes InflataLOK™ valving system in conjunction with a DuraGRIP™ packer element, which provides bi-directional sealing and anchoring. The design incorporates an equalization feature, that eliminates the effect of wellbore pressure, to ensure correct tool function regardless of setting conditions. There are three standard configurations to enable deployment on coiled tubing (CT), capillary tube, and \*wireline/slickline (WL/SL).

### APPLICATIONS:

- Plug and abandonment (P&A) with cement retainer option (CR option)
- Zonal isolation operations (Vertical/ Horizontal wells)
- Shut off lost circulation zones
- Bottom hole shut off operation in open or cased hole conditions
- Depleted zone abandonment

### FEATURES:

- Available in a range of configurations allowing it to be conveyed, and set on CT, capillary tube or WL/SL\*
- Available in bridge plug or cement retainer configurations
- Can be deployed in both saturated and depleted well conditions\*\*
- Ball free setting and disconnection mechanisms
- Adaptable to a range of inflatable element sizes suitable for thru-tubing applications which can be designed based on each application
- DuraGRIP™ packer element construction features an external steel wire reinforcement layer designed to maximize bi-directional anchoring/sealing for optimal differential pressure capability
- Self-anchoring to maximum rated differential pressure capacity
- High expansion capabilities

### 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

\* IPI offers the down hole pump and required accessories for deployment on wireline

\*\* A back-pressure valve device may be required when operating in depleted or unsaturated conditions, to maintain control of inflation pressure

\*\*\* As per operational requirements/restrictions, PIBP can be modified to adapt different packer sizes on each chassis

\*\*\*\* Packer elements available in NBR and HNBR options

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