

# Permanent Inflatable Bridge Plug (PIBP)

The Permanent Inflatable Bridge Plug (PIBP) incorporates the DuraGRIP™ bidirectional inflation element as integral part of a modular system that enables adaptability to a wide range of configurations and tool sizes.

## Applications

- Plug and abandonment (P&A's) with cement squeeze option
- Zonal isolation in open or cased hole conditions (Vertical/Horizontal wells)
- False bottom as a base for cement in open hole side-tracking operations
- Shut-off lost-circulation zones
- Water Shutoff
- Depleted zone abandonment

## Features

- Available in bridge plug or cement retainer configurations
- Can be configured with a dual-flapper valve system rated to 5,000psi (Bidirectional seal established after disconnection/release)
- Incorporates a robust Inflation Valve System
- Adaptable to a wide variety of inflation element sizes
- Disconnect release mechanisms can be configured for right hand rotational release, direct pull release, hydraulic pressure shear or ON/OFF tool
- Inflation element construction features DuraGRIP™ external anchoring designed to maximize anchoring for optimal differential pressure holding capability while maintaining an effective bi-directional seal
- Self-anchoring to maximum rated differential pressure capacity
- Large expansion capability – up to 3 times uninflated diameter
- Conveyed on Coiled Tubing or Workstring



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## PIBP Modular Configurations



## Available Sizes

Inflation Valve OD		Packer OD*		Max Inflation Diameter	
in	mm	in	mm	in	inch
3.5	89	3.5	89	8.67	220
		4.5	114	11.0	280
		5.0	127	12.2	310
		5.5	140	13.8	350
5.5	142	5.5	140	13.8	350
		6.3	160	15.0	400
		7.75	197	19.3	490
7.75	196	9.0	230	22.6	575
		11.0	280	27.6	700
		15.5	395	33.1	840

\* different packer sizes are available upon custom request.

## Differential Pressure Rating vs. Hole Size

