

IPV1 – Packer Setting / Tubing Test Barrier Valve

Key Benefits:

- 100% Successful track record
- Autofill while RIH
- Installed as part of the completion
- Remote Open Feature
- Patented Equalisation feature
- No Offshore Personnel required
- Debris Tolerant
- Low Cost
- Full bore ID once Open
- HP HT Options available
- Easy Contingency option

Overview:

The IPV1 is a remote open uni-directional barrier valve designed to be installed and run as an integrated part of the completion string or liner. This increases the efficiency of the installation process.

The IPV1 is predominately used for remotely setting a packer and/or providing tubing pressure tests during completion deployment in any well condition.

The IPV1 does not require any offshore personnel & can be set up to the Operators specifications onshore or opening setting can easily be adjusted offshore if operations change prior to RIH. The IPV1 can also be configured to allow numerous pressure cycles prior to opening.

The IPV1 incorporates Precision Oiltools patented equalisation feature, before remotely opening the valve, which removes all pressure from the ball before opening. This saves the Operator from a pressure surge during opening process and aids with debris tolerance.

Upon opening, the IPV1 will provide the completion with Full Bore ID for any future well intervention required.

In addition to the built-in remote opening mechanism, a variety of opening options are available as a contingency.



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Specification Matrix

OD	ID	Max Differential Pressure Rating *	Threads size range **	Temperature Rating ***
4.50"	2.28"	5,000 psi (std) 10,000 psi (premium)	2 7/8" – 3 1/2"	165°C (325°F)
5.75"	3.00"	5,000 psi (std) 10,000 psi (premium)	3 1/2" – 4 1/2" Premium	
8.00"	4.50"	5,000 psi	5 1/2" – 7 5/8" Premium	
8.25"	4.00"	10,000 psi	5 1/2" – 7 5/8" Premium	
8.25"	4.50"	5,000 psi	5 1/2" – 7 5/8" Premium	

*Metallurgy will change to achieve max Pressure Rating.

**Customer to select Premium threads

*** Max Temp Rating is elastomer dependent