

# Product Sheet: Add-ons

## Product Description

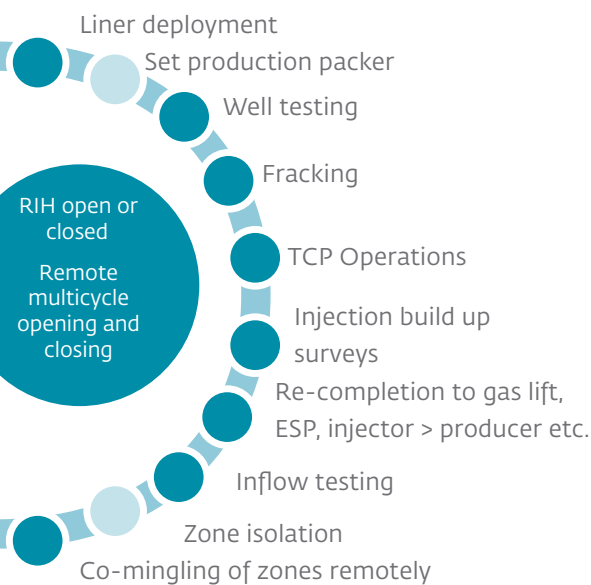
Interwell has a range of Add-ons available for use below Plugs and Packers. The standard Add-on family consists of valves and equalizing subs, as listed below. An Add-on solution will increase functionality, which can save time and cost. All Add-ons are compatible with Interwell's Medium Expansion Packers (ME), in addition to the other Packers listed to the right.

All Add-ons described on this Product Sheet are rated to 5000 psi or above. They will serve as a temporary barrier and are tested in line with ISO 14310 Vo criteria. DBPV is V6 qualified with gas bubble tight criteria in the closed direction. See separate Product Sheets for detailed specifications.

## Product Application

The presentation below shows the Add-ons grouped by functionality and typical applications. Based on the features one may discuss other applications than those mentioned. The four main operations are to permanently open in well, permanently close in well, open and close as desired (Smart Valve IBV) and open and close check valve based on pressure and flow.

The Intelligent Barrier Valve is extremely versatile and is suitable for most applications. However, for simple operations the other products may be the right choice.



RIH = Run in hole

● Typical application

● Other Add-ons may be relevant

Intelligent Barrier Valve (IBV)

- Shallow Set Barrier
- Deep Set Barrier
- Predefined commands
- Controlled by pressure, temperature etc.

## Add-ons

- Intelligent Barrier Valve (IBV)
- Pump Open Sub (POS)
- Equalizing Ball Drop Sub (EBS)
- Shear Down Equalizing Sub (SDES)
- Flow Activated Valve (FAV)
- Dual Back Pressure Valve (DBPV)

## Compatible Packers

- Medium Expansion Packer (ME)
- Multi Set Wireline Plug Packer (MSWP)
- High Pressure High Temperature Packer (HPHT)
- Can be customized to other Packers upon request

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