

High Friction Piggable Plug (HFPP)



The technology is an enhancement of well-established pigging technology, by utilizing through-wall communication to locate the plugs and to transmit internal pressure/temperature, upstream and downstream, of the isolation point.

HFPP's are primarily used to provide a low-pressure, high seal isolation of pipelines, during maintenance intervention work, as well as during pipelay flooding and dewatering.

The typical model is supplied with eight polyurethane discs, two support/guide discs which assist loading and centralization in the pipeline and six sealing discs which drive and seal the pipeline. Isolation ability can be further enhanced by the addition of sealing disc depending on the pipeline condition

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Features and Benefits:

- Suitable for pipeline size ranges of 4" to 56"
 - Hold pressures typically between 3 –8 bar per HFPP.
 - Allows thin wall pipe isolation
 - Simple and reliable
 - Through-wall location monitoring and pressure/temperature monitoring.
 - The HFPP isolation method is modular and adaptive, building from the base deployment of piggable plugs for low-pressure isolations.
 - Multiple HFPP can be deployed to increase hold-back pressure.
 - Suitable for Gas or Oil pipeline
 - Combined with SkadiPlug™ for medium to high-pressure applications.
 - Can cover a wide range of isolation applications, pipeline products, and pipe wall thicknesses.
 - HFPP can provide a cost-effective alternative to more intrusive plug isolation systems for pipeline repair topsides.
- Requires no pipeline modifications.
- Can be used on thin wall pipelines.

All IKS scrapers are supplied with polyurethane bumper noses as standard. All IKS scrapers are designed to pass minimum 1.5D radius bends and negotiate full bore branches.

All multi-bolt scraper body assemblies are welded to code standard BS EN ISO 15614-1:2004+A1:2008.

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