



Pipe Penetration Seals

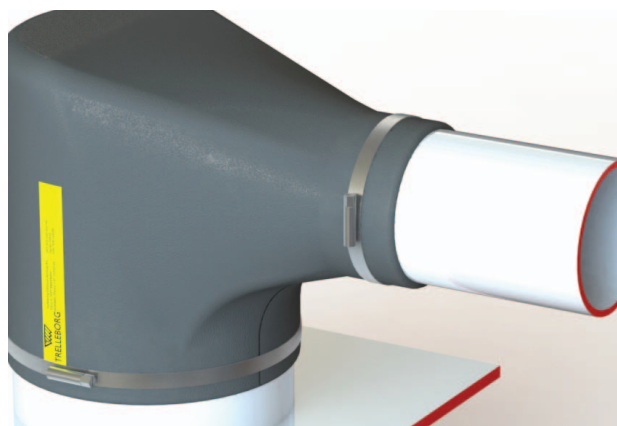
FLEXIBLE FIRE SEALS FOR PIPE PENETRATIONS

Pipe penetrating through partitions offers a risk in an event of a fire, spreading fire in between areas. Such an event can cause damage to assets and safety risks. Vipo's pipe penetration seals are a passive fire protection product made from several layers of tough and durable materials, protecting against fire, blast and weather.

The product is gas and water resistant and can be tailor made and fit into numerous applications with regards to geometry and size. Vipo's pipe penetration seals are flexible wrap-around passive fire protection (PFP) seal that closes the pipe penetration and allows movement of the pipe during operation.

The product prevents escalation of fire from one area to another, protecting personnel and essential equipment from fire, heat and smoke, making evacuation possible. Due to the flexibility and 13mm thickness, it requires minimal space and is easy to install and dismantle, with a minimum use of tooling. The seals are made in one piece with an overlap area and are typically fixed and secured with stainless steel hose clamps onto pipe and sleeve.

These can be delivered in a variety of shapes, sizes and fire classes. Extensive testing has been performed on the product to meet the harshest on- and offshore specifications for oil and gas installations.



This product has been certified by DNV GL for classes H0, H60 and jet fire (ISO22899). The system has also undergone blast tests and has been tested in extended jet fire test with heat flux of 350kW/m² - for 120 minutes.



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FEATURES:

- Flexible material that is only 13mm thick and only weights 5kg per sqm
- Tailored to fit any structure
- Rated to Hydrocarbon, Jet (250kW/m2) and HHF (350kW/m2) fire conditions
- Blast resistant
- Maintenance free
- Easy to install with no hot work required
- 20+ year design life

APPLICATIONS

- FPSO
- Platforms
- Rigs
- Buildings
- FLNG's



With over 125 years of polymer material technology expertise, Vipo offers advanced and reliable solutions for demanding situations.

The Norwegian polymer specialist develops and manufactures rubber-based fire, thermal and corrosion protection products for global industries. With a portfolio of long-established brands including Vikotherm®, Vikodeck® and Elastopipe™, Vipo's operation in Krokstadelva, Norway continues to provide innovative solutions to a variety of industries.

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