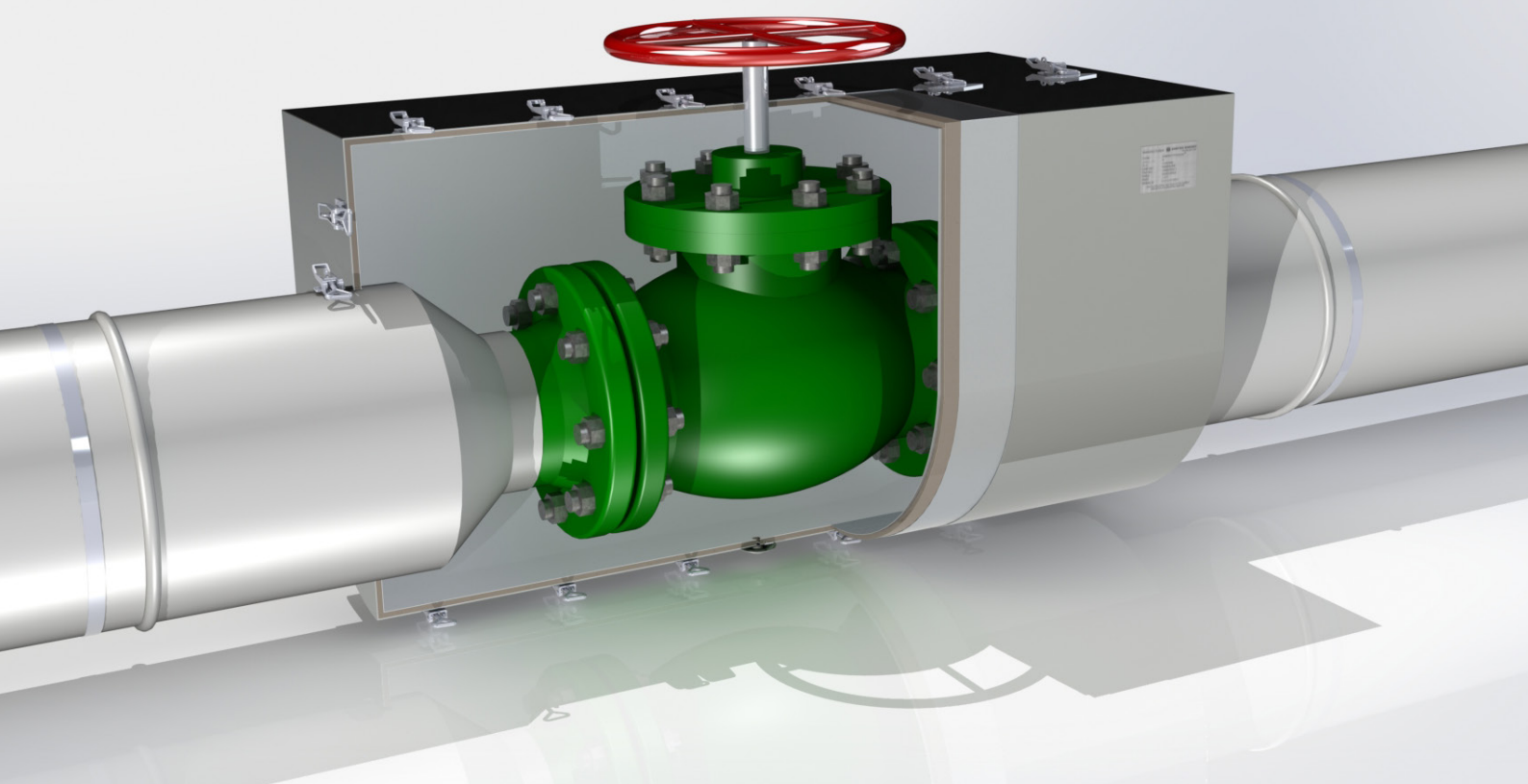


ENERGY Firecover® – NEW INNOVATIVE FIREBOX

ENERGY Firecover® is a slim firebox with intumescent ENERGY Fireboard Insulation, tested and approved up to the most hazardous fire- and explosion requirements, including 350 kW/m² heat loads.



Fire Insulation from the ENERGY Products®

On offshore installations, the risk of fire poses a serious threat. Effective fire protection measures are therefore an essential part of all offshore facilities. ENERGY Firecover® increases the durability of pipes, valves and load-bearing structures in the event of fire. ENERGY Firecover® extends system functionality, giving

personnel valuable time to bring the situation under control, or to evacuate the facility if necessary.

ENERGY Firecover® is designed and tested to protect equipment in a fire scenario initiated by an explosion from gas under pressure, immediately followed by jetfire exposure caused by gas leaks, and/or poolfire exposure from a pool of ignited hydrocarbons.

Advantages of ENERGY Firecover®

- All materials to be approved for offshore use
- Slim construction and low weight.
- Easy to modify "on site" if required, without health and environmental risk
- Design which can be further developed to satisfy combination classes including thermal and sound insulation
- Totally sealed insulation materials to eliminate risk related to moisture ingress
- No hazardous waste
- External cladding of robust stainless steel; Low maintenance- and life cycle cost
- All fire- and explosion testing with critical elements like drain plug and inspection hatches
- Short delivery time from prefabrication workshop
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- Effective survey routines on site for tailor made manufacturing
- The design eliminates CUI
- Cost effective



Technical information

Jet fire testing:

- Jet fire standard: ISO 22899-1
- Standard: OTI 95634 250 kW/m² - 1180°C
- Extended furnace: OTI 95634 including 350 kW/m² - 1300°C

HC/Pool fire testing:

- ISO 834-2 / IMO Res.A.754 [18] / IMO-NS-EN 1363-2. 200 kW/m² - 1100°C

- Explosion test up to 1,88 Barg
- Salt vapour and low temperature test: ASTM B117 (-20°C)
- Electrostatic charge test: EN 13463-1, Annex D
- Sound tests for combination classes: ISO 15665
- DNV certified for jet fire and hydrocarbon fire
- Fire protection thickness can be optimized with

ENERGYFPC™

- Fire tested for up to 5 hours duration

