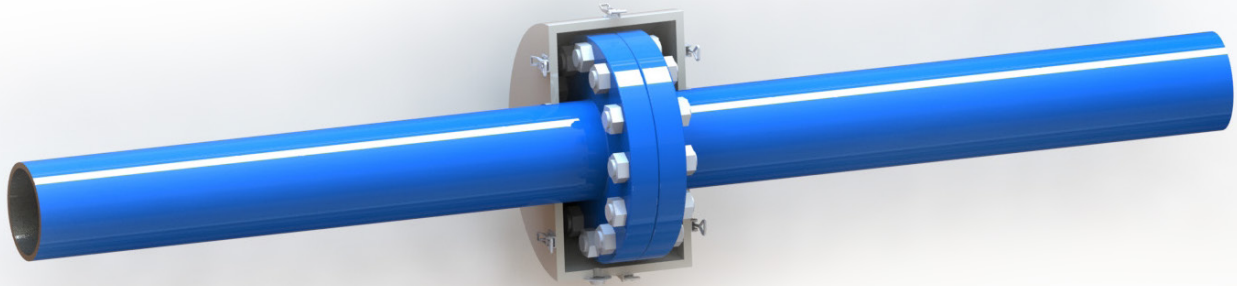


ENERGY Boltcover™ – The optimal fire protection where depressurization time is short.

ENERGY Boltcover™ is a slim firebox especially designed to protect flanges and valves where no fire protection is specified on the pipes. ENERGY Boltcover™ is tested and approved up to most hazardous fire 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 Boltcover™ increases the durability of flanges and valves in the event of fire.

ENERGY Boltcover™ extends system functionality, giving personnel valuable time to bring the situation under control, or to evacuate the facility if necessary.

ENERGY Boltcover™ 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 Boltcover™

- Designed and tested for fire protection for flanges and valves where no fire protection are specified for the pipes
- Slim construction and low weight
- Space saving/Compact design
- Provides improved corrosion protection compared to alternative solutions for bolt protection
- Slim design, total thickness 20 mm (13 mm insulation + 7 mm airgap for improved CUI-performance)
- All testing performed with ENERGY Drainplug® installed
- Patent pending

Technical information

Jet fire testing:

- Jet fire standard: ISO 22899-1 (250 kW/m² – 1180°C)
- High Heat Flux Jet fire: ISO 22899-1 (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 tested up to 1,5 barg
DNVGL certified for Jet fire and HC fire



ENERGY Boltcover™



Jet fire testing



Johan Sverdrup - Photo: Statoil