

Each year, Norwegian and international oil companies invest significant resources safeguarding personnel and equipment against the danger of fire and explosion. Fireproofing is an important and comprehensive priority area. The disastrous Piper Alpha incident is an unfortunate example of a potentially devastating outcome when steel constructions are not well-protected against heat, fire, and explosion.

## **Benarx F, Glued Fire Protection Jacket, Patented**

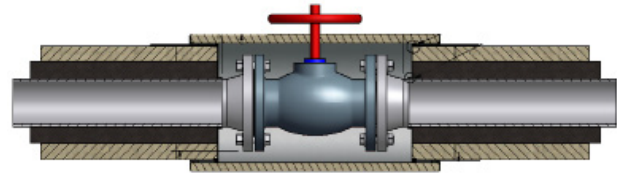
- Benarx's unique technology features glued joints
- Outstanding durability and excellent age-test results
- Can be delivered with sewed joints
- Acoustic and thermal protection can be built in
- Jet and hydrocarbon fire-rated and certified for up to 2 hours
- Maintenance-friendly, even in the harshest climatic conditions
- LCC (Life Cycle Cost) analyzed
- Approved and used by global leaders in oil and gas, such as BP, Statoil, ConocoPhillips, and Petro Canada

## Product Overview

Removable fire insulation jackets are environmentally friendly and easy to maintain. The insulation jacket is 100% watertight and advancements in technology have produced an outstandingly durable product. The jackets are fastened with velcro and steel bands, and can be demounted and remounted quickly. Each jacket is custom-made and individually marked, and can also be delivered with an impregnated silicone covering.

**DURABLE** Removable fire insulation jackets demonstrate proven durability at the construction stage and in a harsh offshore environment, and additionally protect against corrosion.

**SIMPLE & EFFICIENT INSTALLATION** Removable fire insulation jackets can be quickly and easily mounted and dismounted for inspection, maintenance, and cleaning. We have a worldwide network of well-trained and equipped Qualified Producers.



## Fire Protection Jacket Performance

PROPERTY	VALUE	METHOD
Maintain stability and integrity of equipment in a jet fire resulting from a high-pressure release of natural gas.	0 to 45 minutes.	Jet fire-tested OTI 95634.
Safeguard stability and integrity of equipment at hydrocarbon fire temperatures.	0 to 60 minutes Hydrocarbon fire exposure curved.	Hydrocarbon fire exposure curved presented in EN 1363-2 Fire Resistance.
Ability to save working properties after explosion.	1.2 bar.	Gas explosion test.
Cycle-test under various weather conditions reveal no changes to product	4200 hours (15 years' work life)	Age tested according to NORSOK M501, Rev 5 and ISO 20340:2003E
Usable in hasardous environment for all gas groups	No discharge	