



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, Flexible Epoxy Mat, Fire Protection for Pipes

- Easily adjustable to tubes and tubing parts.
- Spacesaving
- Jet and hydrocarbon fire-rated and certified up to one hour.
- Easy to install.
- Custom-made.
- Water resistant.
- Resistant against most common chemicals.

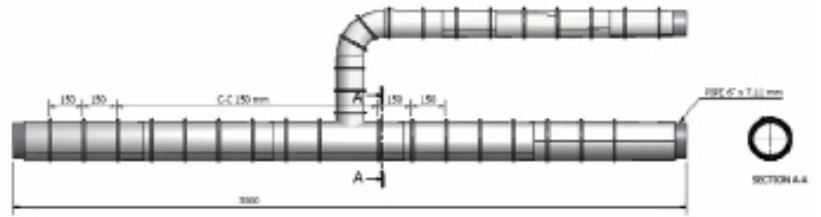
Product Overview

BENARX Flexible epoxy mat is well-suited for numerous applications, including above-ground and underground piping, vessels, structures, and tank foundations. To bare steel piping, a prepared fire mat (pitt-char) made of expanding epoxy materials with reinforced glass fibro, is applied. One of few common insulation products that develops full compressive strength without significant deformation, regardless of moisture levels.

BENARX Flexible epoxy mat is an environmentally friendly and lightweight insulation material that can easily be shaped according to custom specifications.

SIMPLE & EFFICIENT INSTALLATION Can be quickly and easily mounted using acid proof tightening band and Benarx expanding epoxy sealing compound.

We have a worldwide network of well- trained and equipped Qualified Producers.



Fire Protection Steel Box 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 60 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

