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**End termination of pipe insulation is a critical point of water proofing the pipe insulation material. Preparing end termination of traditional metal insulation cladding may be challenging to achieve with water ingress as a result. Water under the insulation and potential damages to pipe coating due to sharp metal edges is major risk factor resulting in development of CUI.**

The patented Benarx Preformed End Cap Gasket is a NORSOK compliant product specially developed to reduce installation time significantly compared to traditional steel end cap solutions. The product is preformed to the pipe dimensions and insulation thickness and is therefore easy to install and does not require modifications to fit. The risk of damaging the coating system and the heat trace cables during installation is mitigated by using Benarx Preformed End Cap Gasket.

### **Benarx Preformed End Cap Gasket**

Preformed product that reduces installation time significantly compared to metal end cap

Secures a waterproof end termination of insulation with cladding

Reduces the risk of damage to the coating and development of CUI

Optimal solution for slim insulation systems

## Product overview

### Reduced installation time

Benarx Preformed End Cap Gasket is preformed to fit any pipe dimensions and insulation thickness where metal cladding is used. The flexible solution reduces installation time significantly compared to traditional steel end cap terminations and cost.

### HSE Friendly

Sharp edges of metal cladding end terminations represent a large risk of damaging the paint system and the heat trace on the pipe during installation. This risk is mitigated using the Benarx Preformed End Cap Gasket. Due to its elasticity, it does not damage the surface coating or heat trace cable and it is easy to adjust for a waterproof fit.

### CUI

Large cost incurred each year due to CUI developing under insulation due to water ingress. A nonmetallic termination solution with better water proofing will help to save future maintenance costs and failures caused by CUI. The Benarx Preformed End Cap Gasket used at regular interval along the pipe insulation is also an excellent method of reducing the effect of potential water ingress by creating a water proof barrier stopping propagation of water under insulation.



## Benarx Product performance and properties

Property	Method	Value
Maximum temperature	EN 14706 *	230 °C
Flammability	EN 13501 *	B-s3-d0, Self extinguishing No flaming droplets
Accelerated ageing test	ISO 20340 *	4200 hours exposure
Dimensional stability	EN 1604 *	< 1% from -50 °C to 250°C
Material hardness	ASTM D2240	60 ± 5
Tensile strength	ASTM D412 die.C	8.5 MPa
Elongation to failure	ASTM D412 die.C	300 %

\* Required by NORSOK R-004