

Each year Oil&Gas companies spend significant resources on dealing with the consequences from corrosion under insulation (CUI). One way to prevent CUI is to assure that the insulation system used is watertight and to prevent damages to the pipe surface coating. At end cap terminations it's therefore critical that the insulation system does not allow any water ingress. Using the traditional stainless steel terminations a number of problems have occurred: Cutting injuries, damaged heat tracing, damaged coating systems and workers drilling hole sin the pipe. Difficulties modifying and fitting the stainless steel terminations—specially for slim insulation systems have resulted in the end caps not being properly sealed.



Benarx Preformed End Cap Gasket

- Offers an installation friendly end cap termination
- No risk of cutting injuries to personnel
- No risk of damage to heat traces or the painting system
- Saves cost by significantly reducing the modification and installation time required with the traditional stainless steel end caps
- Does not require specially qualified metal-working personnel to install
- Completely watertight solution in contrast to the stainless steel end caps
- Self extinguishing and non-melting in fire
- Halogen free

Product overview

SAVING INSTALLATION TIME AND COST

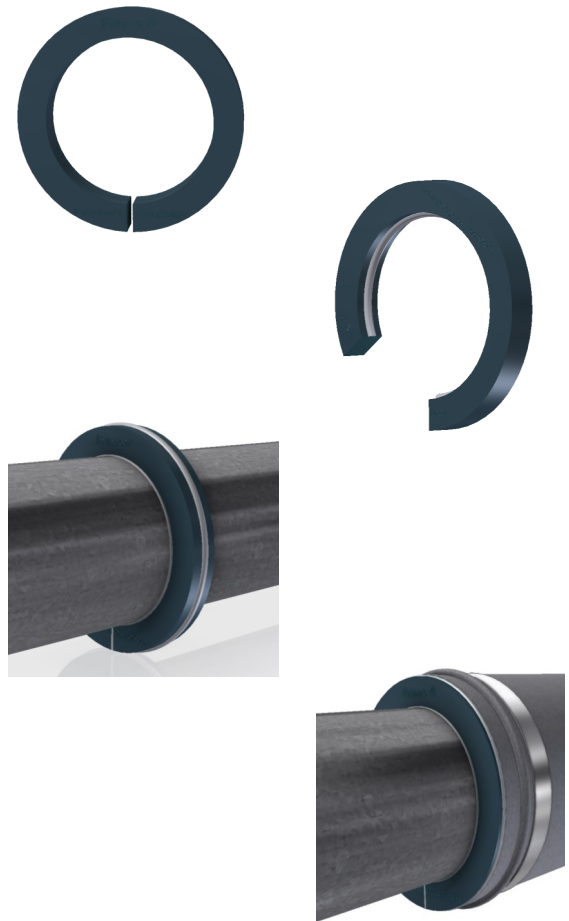
By using an easy to install gasket which does not require any modifications to fit, valuable installation time is saved. Compared with traditional tapered stainless steel end-caps, thousands of installation hours can be saved on a large projects.

AVOIDING DAMAGES AND INJURIES

Due to the sharp edges of stainless steel components there is a significant risk of damaging the surface coating system and the heat trace of the pipe during installation of the metallic end cap terminations. This risk is mitigated by the use of Benarx Preformed End Cap Gasket. No drilling is required to fit the end cap.

PROVIDING A BETTER WATERTIGHT SEAL AND SAVING MAINTANANCE COSTS

Large cost are incurred each year due to CUI developing under wet insulation. Choosing a non metallic solution with better water sealing properties will help to save future maintenance costs and failures caused by CUI. The Benarx Preformed End Cap Gasket is specially affective on water proofing on slim insulation solutions.



Benarx Product performance and properties

PROPERTY	VALUE
Temperature range:	-60 °C to 270 °C (300 °C at peaks)
UV resistance:	Excellent
Flammability	Self extinguishing, non flammable
Thermal conductivity	0.24 W/m ² K
Hardness	60 ± 5 Shore A
Tensile strength	Minimum: 8,5 MPa
Elongation to failure	Minimum: 300 %

