StS
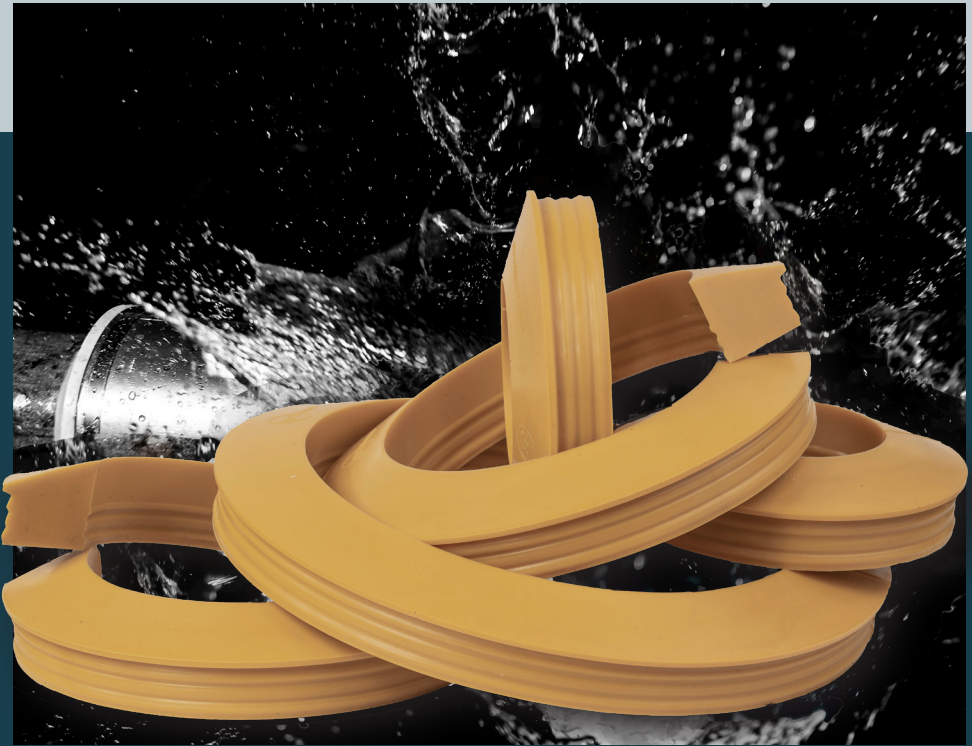
easyFLEX

read online here
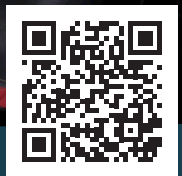
StS easyFLEX is the brand name used for insulation products produced and marketed by StS. It includes a range of products made for a variety of scenarios, such as fire protection, sound proofing and thermal protection.

stsgruppen.com

easyCAP

- End termination for insulation systems.

StS has recently developed a new method and product for pipe insulation. The industry has high focus on environmentally friendly solutions and cost-effective installation with superb functionality. easyCAP meet all these demands. easyCAP is an end- termination for insulation systems. We have replaced the traditional steel endcap with a flexible solution that have better properties. With a soft surface, it seals effectively, hindering water ingress, and therefore prevent corrosion under insulation. It is robust to external mechanical stresses, easy to install and leaves no waste during insulation.

Lambda insulation products

StS Lambda easyFLEX products are designed for quick and easy installation, removal and repeated re-installation to ensure easy access for inspection and maintenance, using minimal manhours, personal protection equipment and tooling.

The products are made from a strong, silicone coated fabric, with a core of insulation and / or other materials depending on use. All seams are sewn with Kevlar reinforced stainless steel thread and sealed with silicone. The outer fabric has no penetrations that could cause water ingress.

Lambda easyFLEX Pipe Penetration Seal (PPS) is a custom-made system designed to seal pipe penetrations in A and H classified bulkheads and decks

- HSE: No toxic ingredients, no ceramic fibers
- Low life-cycle costs
- Extreme performance
- Slim building
- Low weight
- High Impact resistance
- No Water absorption
- No maintenance
- Easy to install, remove, inspect, and re-install
- Prefabricated solution → low installation cost
- Single or Multi-Penetrations
- Tested for blast overpressure up to 1.2 bar
- Weatherproof material testing
- Norsok R-004
- IACS UR S.14.2.3

Acoustic, Thermal and Personnel protection covers

Lambda easyFLEX Acoustic, Thermal and Personnel protection covers
is a multipurpose system used as thermal-, sound- and personnel protection,
covering classes 1, 3, 4, 6,7 and 8 according to the NORSOK standard.

The covers are custom made to order to fit a variety of equipment, such as valves,
pipes, flanges, actuators and more.

- HSE: No toxic ingredients, no ceramic fibers
- Low life-cycle costs
- Extreme performance
- Slim building
- Low weight
- High Impact resistance
- No Water absorption
- No maintenance

- Easy to install, remove, inspect, and re-install
- Prefabricated solution → low installation cost
- Combined classes (Norsok 1, 3, 4, 6, 7 and 8)
- Weatherproof material testing
- Norsok R-004
- IACS UR S.14.2.3
- Acoustic Test A1, B1 and C1
- ISO 15665:2003

Lambda easyFLEX BoltCare is a flexible design for fire protection of flanges and bolts. It can be used on both insulated and uninsulated pipelines.

- HSE: No toxic ingredients, no ceramic fibers
- Low life-cycle costs
- Extreme performance
- Slim build
- Low weight
- High Impact resistance
- No Water absorption
- No maintenance

- Easy to install, remove, inspect, and re-install
- Prefabricated solution → low installation cost
- Tested for blast overpressure up to 1.2 bar
- Tested and certified according to
- IMO Res. A.754(18)
- OTI 95 634
- Extended OTI 95 634
- Norsok R-004 and IACS UR S.14.2.3

Fire and Jet Fire protection

Lambda easyFLEX Fire and Jet Fire protection is a system designed to protect pipelines, valves, flanges, actuators, control lines and boxes against fire and / or jet fire.

- HSE: No toxic ingredients, no ceramic fibers
- Low life-cycle costs
- Extreme performance
- Slim building
- Low weight
- High Impact resistance
- No Water absorption
- No maintenance

- Easy to install, remove, inspect, and re-install
- Prefabricated solution → low installation cost
- Tested for blast overpressure up to 1.2 bar
- Tested and certified according to:
  - IMO Res. A.754(18)
  - OTI 95 634
 - Extended OTI 95 634
  - Norsok R-004 and IACS UR S.14.2.3

easyFLEX Firebox

StS easyFLEX Firebox protection is a system designed to protect pipelines, valves, flanges, actuators, control lines and boxes against fire and / or jet fire.

The system has been tested successfully for blast overpressure at 0,3 bar, pool fire with a heat load of 200 kW/m² and jet fire with heat load up to 350 kW/m² (1350°C), and various combination classes and fire scenarios.

The easyFLEX Firebox can be customized according to various requirements of fire loads, explosion forces, scenario durations, continuous operating temperature, mass-to-surface ratio and weight of object to be protected.
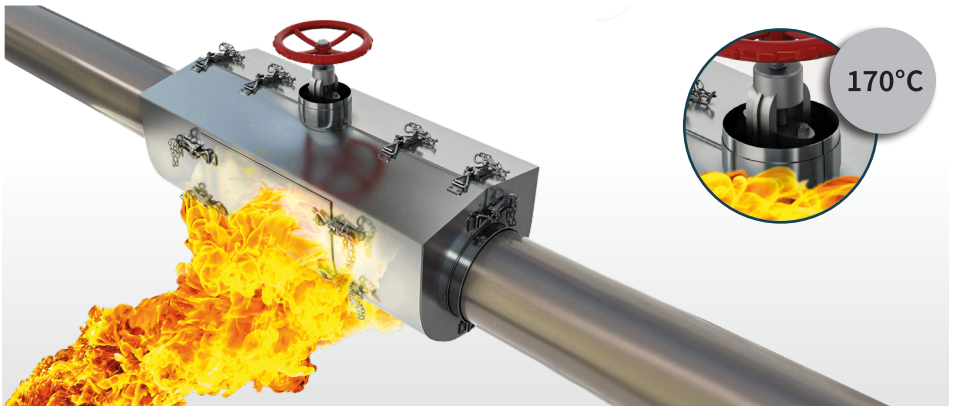

- Insulation thickness 11 mm - 21 mm covering all fire scenarios
- Retains fire properties to -190°C
- Retains fire properties over a period of 15 years offshore
- HSE: Non-toxic and emits negligible amounts of smoke when exposed to a fire
- Extremely resilient to water
- Will not expand
- Prefabricated solution
  → low installation cost
- Tested for blast overpressure up to 0,3 bar
- Tested and certified according to:
  - OTI 95 634
  - Norsok R-004

![StS logo]

Scaffplanner

StS has acquired a new digital tool – Scaffplanner. With Scaffplanner you can better plan scaffolding, detect early phase errors and safeguard workplace safety. Scaffplanner is a plug-in for Autodesk Revit that enables collaboration in scaffold planning. It is a full-fledged BIM *(building information modeling)* tool with smart solutions, that create a complete overview of the scope of the project.
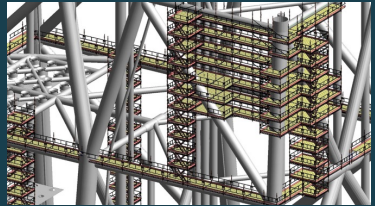
All products are designed and documented to be used in high risk environments such as power plants, process and marine industries, and on- and offshore oil & gas installations. The products have been developed and tested to meet the rigorous requirements of the NORSOK and ISO standards.

CONTACT

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