

TYPE APPROVAL CERTIFICATE

This is to certify:**That the Pipeline Components**

with type designation(s)
HTF 900

Issued to

Clouth-Gummiwalzen GmbH & Co. KG
Bergheim, Germany

is found to comply with
DNV GL rules for classification – Ships Pt.4 Ch.6 Piping systems

Application :

Products approved by this certificate are accepted for installation on all vessels classed by DNV GL.

Issued at **Hamburg** on **2020-09-07**

This Certificate is valid until **2025-09-06**.

DNV GL local station: **Essen**

for **DNV GL**

Approval Engineer: **Christian Kaemmer**

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Olaf Drews
Head of Section

This Certificate is subject to terms and conditions overleaf. Any significant change in design or construction may render this Certificate invalid. The validity date relates to the Type Approval Certificate and not to the approval of equipment/systems installed.

LEGAL DISCLAIMER: Unless otherwise stated in the applicable contract with the holder of this document, or following from mandatory law, the liability of DNV GL AS, its parent companies and subsidiaries as well as their officers, directors and employees ("DNV GL") arising from or in connection with the services rendered for the purpose of the issuance of this document or reliance thereon, whether in contract or in tort (including negligence), shall be limited to direct losses and under any circumstance be limited to 300,000 USD.



Job Id: **262.1-033816-1**
Certificate No: **TAP000026C**

Product description

Heat Protection Sleeve HTF 900

- Material: Fibre glass fabrics with Hypalon rubber coating
- Size range: DN 8 up to DN 100

Application

The Heat Protection Sleeve HTF 900 is type approved for the use as heat protection of rubber hose assemblies.

The sleeves are to be selected and mounted in accordance with the manufacturer's instructions.

Type Approval documentation

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Marking of product

For traceability to this type approval, each sleeve is to be marked with:

- Manufacturer
- Date of Manufacturing

Periodical assessment

For retention of the Type Approval, a DNV GL Surveyor shall perform periodical assessment after two years (+/- 90 days) and after 3.5 years (+/- 90 days) to verify that the conditions for the Type Approval are complied with. Refer to the Class Programme DNVGL-CP-0338, Sec.4.

To check the validity of this certificate, please look it up in <https://approvalfinder.dnvgl.com>