



TYPE APPROVAL CERTIFICATE

Certificate No:
TAP000012X
Revision No:
1

This is to certify:

That the Miscellaneous Fittings for Pressurised Equipment

with type designation(s)

SprayStop Standard, SprayStop 50 Plus (one layer)

Issued to

T-ISS B.V.

Dinxperlo, Gelderland, Netherlands

is found to comply with

DNV 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.

Type:	Temperature range:	Design pressure:	Operating media:
SprayStop Standard	150 degrees Celsius	15 barg internal pressure	Fuel oil, lube oil and other flammable oils
SprayStop 50 Plus (one layer)	150 degrees Celsius	37 barg internal pressure	Fuel oil, lube oil and other flammable oils

Issued at **Hamburg** on **2022-09-28**

This Certificate is valid until **2027-09-27**.

for **DNV**

DNV local station: **Rotterdam, Offshore & Newbuilding**

Approval Engineer: **Christian Kaemmer**

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Sven Klinger
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 AS, its parent companies and their subsidiaries as well as their officers, directors and employees ("DNV") 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.



Form code: TA 251

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Page 1 of 2

Product description

SprayStop tapes are multilayer aluminium/glass cloth/release liner with a special adhesive for installation. SprayStop Standard is produced with woven fabric while T-ISS SprayStop 50 Plus is produced with knitted fabric. Size range: 15 mm till 1000 mm width / 10m length.

For use in engine rooms or other enclosed spaces as wrapping around possible sources of leakage in fuel oil piping to help prevent fuel spray in event of a leak, as a mean of meeting the requirements of the IMO SOLAS, Chapter II-2, Reg.4, 2.2.5.3. Reference is also made to IMO FTP Code – IMO Resolution A.653 (16).

SprayStop 50 Plus can hold pressures till 50 barg, according to manufacture instruction (minimum 2 layers).

Place of production;

ONYOU New Material Co, 80, Samil-ro 731beon-gil, Nam-myeon, Yangju-si, Gyeonggi-do, Korea
The tape is manufactured by ONYOU, and cut to specified sizes at T-ISS, Dinxperlo, The Netherlands.

Application/Limitation

The use is limited to spray shielding applications on oil pressure pipes located above the floor plates and which have no insulation in way of the joints. Use is restricted to readily accessible positions where the integrity of the application may be inspected regularly, and new covering will be applied after removal for maintenance purposes.

The T-ISS Spray-Stop-Tape must not be used for pipes insulation, or as replacement for pipe gaskets and sealings.

A drain hole shall be provided to ensure that in case of a leakage oil spray will be avoided and that the oil will be drained to a safe position.

Screening of pipe joints and fittings in accordance with SOLAS Chapter II-2, Regulation 4, item 2.2.5.3

Type Approval documentation & Tests carried out

Marking of product

- Manufacturer's Name & Product Type.

Periodical assessment

For retention of the Type Approval, a DNV Surveyor shall perform periodical assessment to verify that the conditions for the Type Approval are complied with. Refer to the Class Programme DNV-CP-0338, Sec.4.

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