



TYPE APPROVAL CERTIFICATE

Certificate No. : RTD25219-IM001 **Initial Approval** : 28th October, 2009
Product : Anti-splashing Tape & Sheet
Manufacturer : T-ISS B.V.
Helmkamp 32-34, 7091HR Dinxperlo, The Netherlands

Product Description : SPRAYSTOP anti-splash tape

" See Appendix 1 "

Approval Condition : " See Appendix 1 "

THIS IS TO CERTIFY that the above-mentioned product has been approved in accordance with the relevant requirement of this Society's Rules and / or of the recognized standards as follows and entered in the "List of Approved Manufacturers and Type Approved Equipment".

Pt. 5, Ch. 6, Sec. 9, Art. 901 of the rules for Classification of Steel Ships and Ch. II-2, Reg. 4.2.2.5.3 of SOLAS 1974 as amended.

This Certificate is valid until 27th October, 2024

Issued at Busan, Korea on 22nd August, 2019



This certificate is signed electronically in accordance with IMO FAL.5/Circ.39/Rev.2. Validation and authentication of the certificate can be confirmed from "<http://e-cert.krs.co.kr>" by using the tracking No (ME19022536896) and certificate No.(RTD25219-IM001).



KOREAN REGISTER OF SHIPPING

*General Manager of
Marine & Ocean Equipment Team*

- Note :**
1. This certificate will be valid subject to complying with the approval conditions described on the certificate and/or on the Rules of this Society.
 2. This certificate will be invalid from the expiry date aforementioned unless the extension or renewal has been granted to the applicant or the manufacturer.
 3. Any significant modifications or changes in design or construction to the above product without approval from this Society will render this certificate invalid.
 4. Should the specified rules, regulations or standards be amended during the validity of this certificate, the product is to be re-approved by this Society in accordance with the requirements as amended.

Product Description and/or Approval Condition

Certificate No : RTD25219-IM001

Date of Issue : 22nd August, 2019

A. Product Description

1. Product Specification

Type	Design Pressure	Design Temperature
Spray stop standard	Piping for Max. 15 bar of Internal Pressure	150 °C
Spray stop 50+	Piping for Max. 21 bar of Internal Pressure	150 °C

- 1) Construction of Material :
Spraystop anti-splash tape is a multilayer aluminium / glasscloth / PET Liner with a special adhesive for installation.
- 2) Product Dimension
Spray stop standard : 205 μ m \pm 22(T) \times 35/50/140/250/500/1000mm(W) \times 10M(L)
Spray stop 50+ : 315 μ m \pm 42(T) \times 35/50/140/250/500/1000mm(W) \times 10M(L)
- 3) Intended for :
Preventing splash of fuel oil, lube oil and other flammable oils from piping lines including flanges and joints in engine rooms or other enclosed spaces in compliance with Regulation II-2/4.2.2.5.3 of SOLAS 1974 as amended.

2. Approved Drawings and Documents

- 1) Documents for approval booklet No. TISS-DWG-SPS 201901 dated on 26th March, 2019

3. Test Reports, etc.

- 1) Biochem/tiss002 dated on 17th February 2009 issued by Biochem.
- 2) 2911/07/2005 dated on 30th November, 2005 issued by GAMEVA bv.
- 3) 20050289 dated on 21st June, 2005 issued by Fire Insurers Laboratories of Korea.
- 4) T2012-303590-004 dated on 11st December, 2012 issued by Textile Lab.
- 5) KNW., Report No. KWQA020110402TISS, dated 2 April 2011.
- 6) KNW., Report No. KWQAP20110706TISS, dated 6 July 2011.
- 7) KNW., Report No. KWQAP20111215TISS, dated 15 December 2012.
- 8) KNW., Report No. KWQAP20120319TISS, dated 19 March 2012.
- 9) KNW., Report No. KWQAP20120710TISS, dated 10 July 2012.
- 10) KNW., Report No. KWQAP20120919TISS, dated 19 September 2012.
- 11) KNW., Report No. KWQAP20130215TISS, dated 15 February 2013.
- 12) KNW., Report No. KWQAP20130215TISS, dated 15 February 2013.

B. Approval Condition

1. Application & Limitation

- 1) Installation of the tape is to be carried out in accordance with the Manufacturer's instruction.
- 2) The SPRAYSTOP anti-splash tape cannot be used for pipes insulation or as replacement for pipe gaskets and sealings.

2. Individual Product Cert. and Drawing Approval Requirement

- 1) Individual Product Certification is not required.

3. Marking

- 1) The product or packing is to be marked with manufacturer name and type designation on a suitable position.

4. Others

N/A

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