

TYPE APPROVAL CERTIFICATE

This is to certify:**That the Oil spray protection system**

with type designation(s)

Anti-Splashing Tape and Sheet - Model No. 888 FN

Issued to

Tokyo Nisshin Jabara Co., Ltd.
Tokyo, Japan

is found to comply with

DNV GL rules for classification – Ships**Application :****Product(s) approved by this certificate is/are accepted for installation on all vessels classed by DNV GL.****Max. working press.: 15**Issued at **Høvik** on **2019-08-06**This Certificate is valid until **2024-08-05**.for **DNV GL**DNV GL local station: **Yokohama**Approval Engineer: **Ole Henrik Kverndal Pedersen****Torill Grimstad Osberg**
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.



Product description

The Anti-Splashing Tape and Sheet FN 888 can be used for screening of pipes and fittings in accordance with SOLAS Regulations II-2, Part B, Regulations 4.

Anti-Splashing Tape – Model No. 888 FN Tape & Sheet;

Tape: 0.22 mm thickness x 25 mm width x 10m length
0.22 mm thickness x 35 mm width x 10m length
0.22 mm thickness x 50 mm width x 10m length
0.22 mm thickness x 75 mm width x 10m length
0.22 mm thickness x 100 mm width x 10m length
0.22 mm thickness x 140 mm width x 10m length
0.22 mm thickness x 250 mm width x 10m length
0.22 mm thickness x 500 mm width x 10m length

Sheet: 0.22 mm thickness x 1000 mm width x 10m length

Aluminium foils are superimposed on both sides of glass woven cloth together with a special acrylic adhesive agent to form laminate structure. An adhesive agent is applied on one side and covered by separate film.

Application/Limitation

Pipe Sizes (nominal diameters): 6 mm to 50 mm for screwed joints
10 mm to 300 mm for flanged joints

The extent of 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 also 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 installation of FN Tape and Sheet is to be carried out in accordance with the Manufacturer's instructions.

The FN Tape and Sheet cannot be used for pipes insulation, or as replacement for pipe gaskets and sealings.

Type Approval documentation

Tests carried out

- Witness Inspection Report of "FN Tape & Sheet" for Lloyd's Register Type Approval, July 21, 2009, including pressure protective and burst test, heat resistance test, oil resistance test, flame test
- Test Result Report of heat resistance, oil resistance, flame test, dated: 07.04.2009
- DNVGL Ref.-No.: 14-067313

Marking of product

- The product or packing is to be marked with at least name of manufacturer and the model number / type designation.
- The tape of this model has red print.

Periodical assessment

For retention of the Type Approval, a DNV GL Surveyor shall perform a periodical assessment after two years, after three and a half year and before the expiry date of this certificate to verify that the



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Certificate No: **TAP00001W6**

conditions for the type approval are complied with. The main elements of the certificate retention survey are:

- Review of Type Approval documentation
- Review of possible changes in design, materials and performance
- Ensure traceability between manufacturer's product type marking and Type Approval Certificate.