

SPRAYSTOP INSTALLATION MANUAL



T-ISS
Safety Suppliers

WHAT IS SPRAY STOP ANTI-SPLASHING TAPE?

T-ISS Spray Stop Anti-Splashing Tape is especially developed for safety applications in the marine & offshore industry. This high-tech laminated multilayer aluminum tape, has been designed by safety specialists in order to prevent spray outs of hazardous liquids (oil/fuel) from tubing and piping systems. As required by SOLAS and IMO.

WHY USE SPRAY STOP ANTI-SPLASHING TAPE?

Spray outs of high pressured flammable liquids can cause extremely dangerous situations like fires, explosions or other hazardous situations. According to SOLAS regulations (mentioned below), ships should apply appropriate protection to prevent spraying/leakage or splashing of flammable liquids from FO, LO hydraulic and other systems.

APPLICATIONS

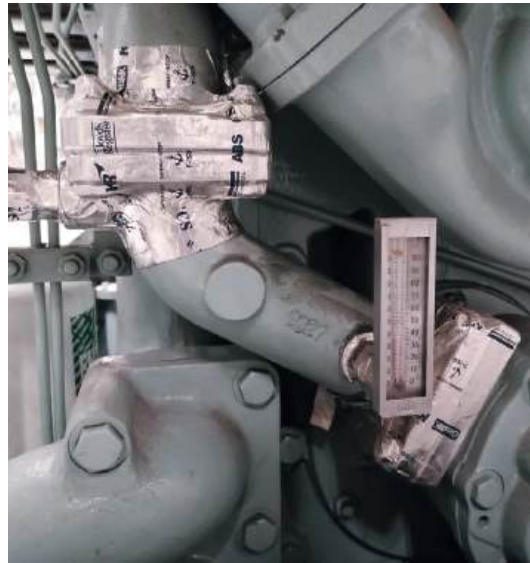
- Fuel oil injection pipes, fuel oil service pipes, fuel oil valve cooling oil pipes attached to diesel engines
- Lube oil service pipes and hydraulic oil pipes attached to diesel engines
- Flammable oil pipes
- Flammable oil pump and strainer
- Fuel oil heater

The above fire hazard areas must be protected from the following sources of ignition:

- Exhaust gas pipes
- Steam pipes
- Turbochargers
- Electrical equipment
- Boilers
- Thermal oil heaters
- Economizers
- Incinerators

SOLAS REGULATIONS

Our Spray Stop Anti-Splashing tape complies with SOLAS II-2, Regulation 4, Paragraph 2.2.5.3 and IMO A.653(16).



APPLICATION INSTRUCTIONS

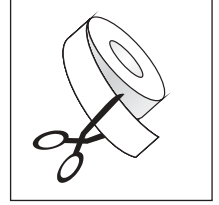
Preparation:

Make sure the surface where the tape is to be applied is clean and oil/grease free.

Step 1:

Choose the correct size of the tape applicable to your installation and measure the required amount roughly. For pipes and joints, ensure a 50% overlap each turn. Then cut the tape with scissors and make sure not to damage the backing.

For flanges, valves and other irregularly shaped equipment, a different wrapping technique applies. More on this at special applications.

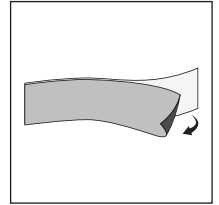


Step 2:

While applying the tape, gradually remove the backing layer.

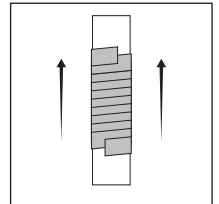
Note: Do not remove the backing layer all at once before installation because oil, spills and dust can cause adhesion problems.

Important Recommendation: When applying the tape, be sure to wrap loosely to allow free flow of any oil leakage. Note: Do not wrap too tightly.

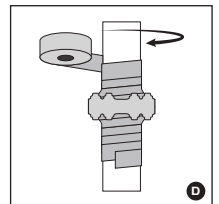
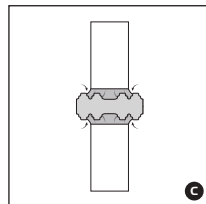
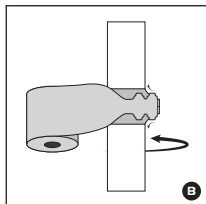
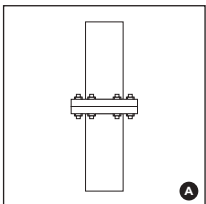


Step 3:

If you need to apply the Spray Stop Anti-Splashing Tape to a rough, not smooth surface, there should be two or more wraps around the pipe or surface to protect against splashes and leaks.



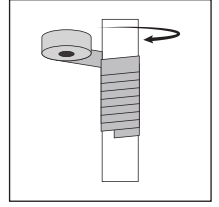
Flanges



Step 4:

During tape installation, each subsequent winding should cover $\frac{1}{2}$ the previous winding. You do not need to use any additional force to apply the tape, only slight pressure done by hand.

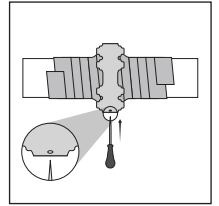
Note: All coupling connections containing flammable liquids need to be wrapped with Spray Stop Anti-Splashing Tape, see picture below.



Step 5:

Spray Stop Anti-Splashing Tape should be extended to a point where possible leaks could occur, sufficiently away from hot surfaces that could cause ignition.

As a final step, puncture a small hole through the tape at the location of the valve so that drops can escape if the pressure builds up too much.

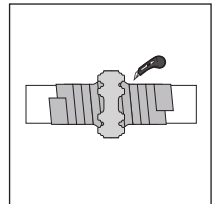


Step 6:

For maintenance and repairs, remove the existing Spray Stop Anti-Splashing Tape by cutting it with a knife, scissors or tearing it off with pliers.

Note: the removed Spray Stop Anti-Splashing Tape cannot be reused.

Important Note: Periodic inspections should be performed on areas where Spray Stop Anti-Splashing Tape has been applied. Imperfections, curling, loosening, or tearing indicate that the tape in the applied area needs to be replaced.



SPECIAL APPLICATIONS

The installation of Spray Stop Anti-Splashing Tape for valves, flanges and other irregularly shaped equipment differs from that of pipes and joints.

For this purpose, use a sufficiently wide roll or sheet of Spray Stop Anti-Splashing Tape and cut one piece which has the minimum length to wrap 2 layers thickly around the surface to be protected.

The width should be sufficient to completely cover the bolts and overlap the connecting pipe by at least 100 mm (4").

Special precautions should be taken when a device such as a valve is connected to the pipe which is to be wrapped. In this case, the Spray Stop Anti-Splashing Tape must be wrapped around both the connected device and the pipe.

When using a wide sheet or roll, apply the regular Spray Stop Anti-Splashing Tape on this sheet and do not forget the 50% overlap to secure the sheet permanently.



FEATURES & TECHNICAL DATA

Maximum pressure:	15 bar
Maximum temperature:	+160 °C continuously +200 °C shortly
Adh. material tolerance:	- 70 °C up to 200 °C
Adhesion:	1000 g / 25 mm ²
Shelf life:	3 years
HS code:	39191080
Country of origin:	The Netherlands / EU

ORDER INFORMATION

Article number	Description	Dimensions	Weight	IMPA
SPST0035	Spray Stop Tape	35 mm x 10 m	0,13 kg	871801
SPST0050	Spray Stop Tape	50 mm x 10 m	0,19 kg	871802
SPST0075	Spray Stop Tape	75 mm x 10 m	0,28 kg	871808
SPST0100	Spray Stop Tape	100 mm x 10 m	0,38 kg	871804
SPST0140	Spray Stop Tape	140 mm x 10 m	0,53 kg	871803
SPST0250	Spray Stop Tape	250 mm x 10 m	0,94 kg	871807
SPST0500	Spray Stop Tape	500 mm x 10 m	1,88 kg	871805
SPST1000	Spray Stop Tape	1000 mm x 10 m	3,75 kg	871806

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