



VapCor Protection Products

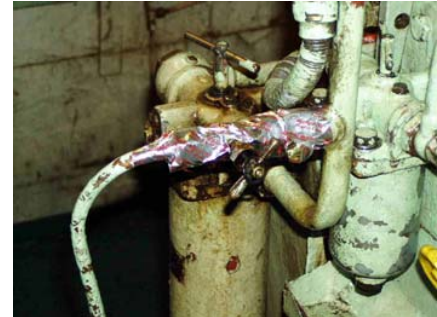
NOSPRAY PROTECTION SYSTEM

DESCRIPTION

NoSpray Protection System is an aluminium/glass cloth jacketing system designed to prevent the flammable spray of hot oil which can come in contact with hot surfaces thus causing fires in vessel engine rooms. **NoSpray** is available in tape or sheet format and is coated one side with a silicone adhesive for ease of installation and superior adhesion.

SOLAS Regulation II-2/15.2.11/12 states that:

- Fuel oil lines shall be screened or otherwise protected to avoid oil spray or oil leakages onto hot surfaces, into machinery air intakes, or other sources of ignition.
- All external high-pressure fuel delivery lines between the high-pressure fuel pumps and fuel injectors shall be protected with a jacketed piping system capable of containing fuel from a high pressure line failure.
- Ships constructed before July 1/98 shall comply with the requirements not later than July 1/2003.

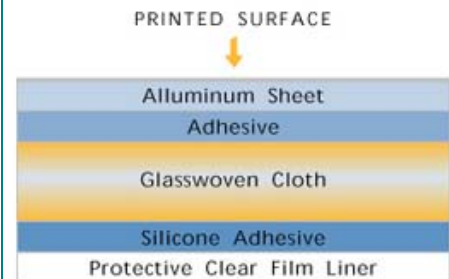


Type Approved By



SPECIFICATIONS

Format x 10 Meters:	35mm, 50mm, 140mm, 250mm, 500mm, 1000mm
Total Thickness:	9.5
Colour:	Silver
Temperature Range:	up to 150° C (300° F)
Pressure:	300psi
Tensile Strength:	93.2 Lbs. Per Inch (ASTM-882)
Adhesion to Steel:	5.8 Lbs. Per Inch (ASTM-33330)
Aging Properties:	Indefinite shelf life when properly stored



List of Fire Risk Areas to be Protected Maximum Temperature 150°C & 300 PSI

- Fuel Oil : Injection Pipes, Service Pipes, Valve Cooling Pipes attached to diesel engines
- Lube Oil service pipes and hydraulic oil pipes attached to diesel engines
- Flammable Oil Pipes, Pumps and Strainers
- Fuel oil heater and Purifier
- Lube oil Heater, Purifier and Cooler
- Fuel Oil burning unit for boiler, thermal oil heater, inert gas generator and incinerator
- Level gauge, fittings and oil tray of flammable oil tank
- Sounding pipe head of double bottom fuel oil tank
- Special pipe joint (threaded pipe joint, compression fitting joint, etc) and expansion joint in flammable oil piping

The Preceding Areas of Fire Risk

• Exhaust Pipe	• Steam Pipe	• Turbo Charger	• Electrical Equipment
• Boiler	• Thermal Oil Heater	• Incinerator	• Welding Spatter etc.

APPLICATION INSTRUCTIONS

1. Surfaces are to be clean and free of oil
2. Select the **NoSpray** format applicable to your installation and with adhesive film in place, cut with scissors as follows

For Pipes & Joints

Use **NoSpray** Tape and allow overlap of 50% each turn. Tape and allow overlap of 50% each turn.

For Valves, Flanges, and Other Irregular Shaped Equipment

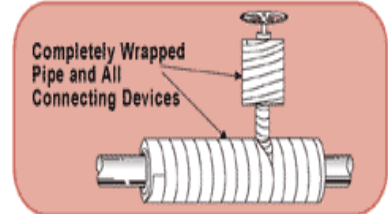
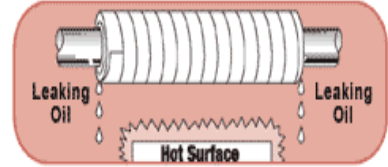
Use **NoSpray** Sheet and cut one piece:

- Length to wrap 2 layers thick around surface to be protected;
- Width to be enough to completely cover bolts and overlap onto connecting pipe at least 100mm (4").
- Special care must be taken where a device such as a valve is connected to the pipe being wrapped. In this case, the **NoSpray** Tape must be wrapped around the attached device as well as the pipe.

When using **NoSpray** Sheet, apply **NoSpray** Tape on top of the sheet overlapping 50% to secure the **NoSpray** Sheet.

For Protection of Insulated High Temperature Surfaces

NoSpray Sheet can be used as a protective shield on insulated hot surfaces which are in close proximity to potential oil spray in the engine room



3. Apply **NoSpray** Sheet or Tape peeling off the adhesive film a little at a time so as not to contaminate adhesive surface with dust or oil prior to application. Wrap snugly (not too tight) around pipe or joint in the likely direction of an oil spray leak. **NoSpray** Sheet or Tape should be continued to a point where any potential leaks would occur safely away from hot surfaces that could cause combustion
4. For maintenance and repairs, **NoSpray** can be removed by cutting with a knife, or tearing off with pliers
5. **NoSpray cannot be reused once removed from service**

Packaging

Product Code	WIDTH	LENGTH	ROLLS/BOX
A06-NS35-028	35mm	10 Meters	28
A06-NS50-020	50mm	10 Meters	20
A06-NS100-012	100mm	10 Meters	12
A06-NS140-007	140mm	10 Meters	7
A06-NS250-004	250mm	10 Meters	4
A06-NS500-002	500mm	10 Meters	2
A06-NS1000-001	1000mm	10 Meters	1

Combined Vessel Packs can be supplied on request or items can be ordered individual rolls



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