



# AS-92 HEAT DETECTION TAPE

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## GENERAL DESCRIPTION

The **AS-92 Heat Detection Tape** is a self-adhesive warning tape with a unique feature of **hot surfaces detection**. It is designed to sensor and to provide visual recognition of surfaces where the temperature exceeds safe level for people and there is a high probability of thermal burns.

When the applied surface exceeds the temperature of approximately 60°C the AS-92 tape **changes color from black to vibrant red** and exposes the hot surface warning symbols. As soon as the temperature drops, the symbols disappear and the tape returns to its original color.

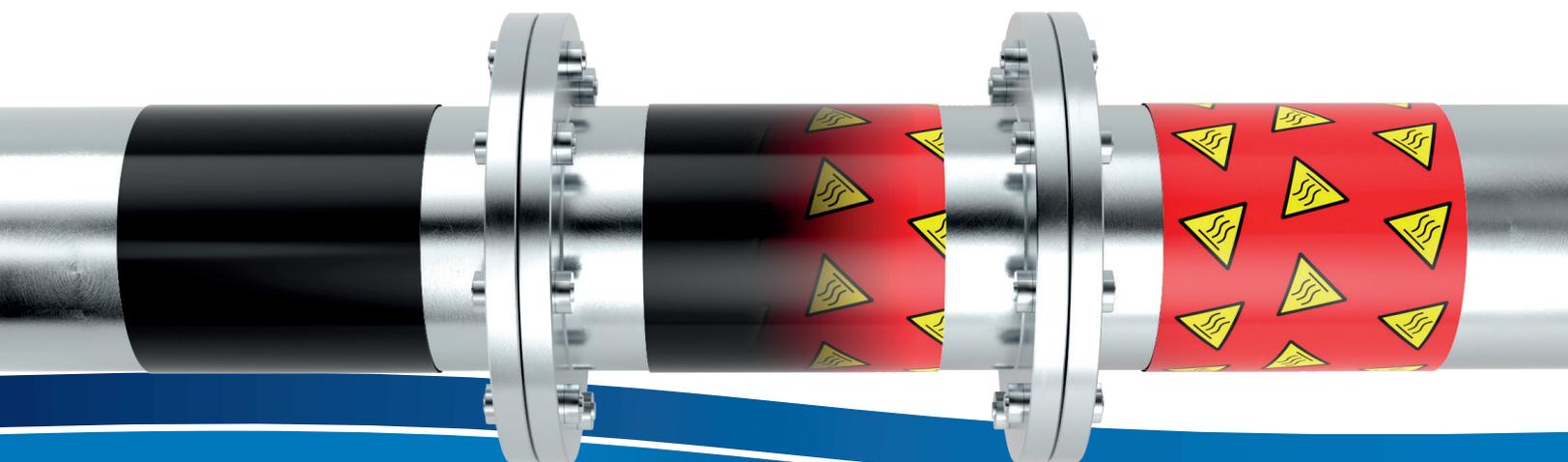
**Service Lifetime:** 6 months – 2 years (depending on the frequency of exposure). Product destined for surfaces with a periodical temperature change. In case of a constant exposure to the maximum temperature, the actual service lifetime may be shorter than declared.

The AS-92 Heat Detection Tape has a wide field of application and it **increases the level of safety** of industrial installations, engine rooms, offshore platforms or any other places at risk of heat burns as a result of a skin contact with a hot surface.

## TECHNICAL SPECIFICATION

Operating temperature	-40°C to +120°C
Application temperature	-10°C to +35°C
Shelf lifetime	Undefined storage lifetime
Service lifetime	6 months - 2 years (depending on the frequency of exposure)
Solvent resistance	Resistant to solvents and mild chemicals
Fungus resistance	Resistant to fungi

## OPERATING TEMPERATURE



## INSTALLATION



1. Clean and dry the surface.
2. Remove any loose coatings or rust, if necessary.
3. Remove the backing from the tape.
4. Adhere the tape to the surface and press firmly.
5. In case of round objects it is recommended to overlap the tape onto itself.

The tape is recommended for surfaces which change the temperature periodically. In case of the long exposure to temperatures exceeding 120°C, after some period of time the tape would permanently change the color to red.



PRODUCT CODE	DIMENSION	THICKNESS
AS-92/50	50mm x 5m	0,4 mm
AS-92/75	75mm x 5m	0,4mm
AS-92/100	100mm x 5m	0,4mm