

OIL DETECTION TAPE RM Instruction For Use

To ensure safe and proper use of the OIL DETECTION TAPE, please read the instruction manual carefully and familiarize yourself with its contents before use.

Product Overview

This product is an indicator that irreversibly changes the color upon contact with oil. It is intended to be used to visually detect oil leakage.

Usage

- (1) Remove the release paper and apply to the surface on the equipment or flange, where you want to check for oil leakage.
- (2) Affix the product to a point where it will come into contact with leaking oil. The indicator will absorb oil from the cross-sectional area (area in the red frame in the figure below) and change the color. Please note that the indicator will not change the color even if it comes into contact with oil in other than red frame areas.



- (3) The surface to which the product is affixed should be as smooth as possible. Also, remove water, oil, rust, dust, etc. from the surface before affixing the product. Any unevenness or dirt on the surface may cause the indicator to fall off.
- (4) When affixing, press down lightly with fingers or a cloth. Rubbing the indicator strongly may damage the color-change area and cause abnormal color-change.
- (5) The product can be cut for use at the cuttable segments (red lines in the figure below) with scissors or other suitable cutting implements.



- (6) Please check the status of color-change with the product still attached before removing it.
The color-change area may turn white after removal.
- (7) After use, the product should be disposed of properly according to the guidelines set by the local government.

Precautions

- (1) When removing the release paper, be careful not to separate the layers of the product.
- (2) Do not bend the color-change area. It may cause reduced durability or other quality abnormalities.
- (3) Do not use the product in environments with an ambient temperature of more than 100°C. It may lead to abnormal color-change.
- (4) In environments with an ambient temperature of 10°C or lower, the adhesive on the reverse side may harden, making it difficult to affix the product in place.
- (5) Do not use the product in water. It may cause the indicator to deteriorate the performance or other quality abnormalities.
- (6) Do not use the indicator near flames to avoid combustion.
- (7) Do not hit or rub the indicator strongly. Any damages will cause abnormal color-change.

- (8) Do not cut or separate at any non-cuttable segments. It may result in quality abnormalities or scattering of chemical substances.
- (9) Do not reuse the product after removal. Any reuse may cause deteriorated durability or other quality abnormalities.
- (10) There is a possibility to fall off if oil gets on full surface of product.
- (11) If oil gets on full surface of product, there will be no escape route for air, delaying the absorption of oil and increasing the time taken for the indicator to color-change.
- (12) If the oil is highly viscous, it will take time for the indicator to color-change, or it may not change the color at all.
- (13) If only a small amount of oil comes into contact with the indicator, the color-change area may be small, or the indicator may not change the color at all.
- (14) Depending on the type of oil, the color-change tone (shade) may differ.
- (15) The indicator may not change the color when exposed to emulsion-based oils.

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