

# Monitor Mark™

## Product Exposure Indicators

### Use Instructions:

#### Attachment:

Remove the liner at the back of the **Tag** and expose pressure-sensitive adhesive for easy attachment to most clean, dry surfaces.

Indicators stored in a freezer should be removed and allowed to warm for a short time at ambient room temperature prior to attachment to allow for adequate adhesion on some surfaces. All mounting surfaces should be pre-tested to insure desired adhesion.

#### Pre-Use Conditioning:

##### Temperature:\*

Please use the temperatures listed in the table below for proper conditioning of **Tags**. This will insure solidification of the indicator's response chemical and accurate time/temperature runout during usage.

##### Time:

One hour minimum.

\*Longer time and/or lower temperatures are desirable and will not harm the functionality of the indicator.

### Pre-Use Conditioning Table

<u>Product Number</u>	<u>Conditioning Temperature</u>
I17	≤-1°C (30°F) or Freezer
5I	≤-1°C (30°F) or Freezer
10I	≤+7°C (45°F) or Freezer
10L	≤+7°C (45°F) or Freezer
10N/34AA	≤+7°C (45°F) or Freezer

#### Activation:

The **Tags** are activated by removing the activation tab and the barrier film.



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### Interpretation:

**Tags:** Read time exposure according to the color advancement card included in your product package.

### Storage:

Check to insure that your refrigerator or freezer provides the proper temperature range required for storage or pre-conditioning.

It is advisable that MonitorMark indicators be attached to your product packages prior to low temperature conditioning and freezing for good tag adhesion.

High humidity should be avoided during storage and usage whenever possible.

### Technical Data:

All physical properties, statements and recommendations are either based on tests we (3M) believe to be reliable or our experience, but they are not guaranteed.

### Product Use:

User is responsible for determining whether the 3M product is fit for a particular purpose and suitable for user's method of application. 3M DISCLAIMS ALL EXPRESS AND IMPLIED WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE.

### Limited Remedy:

If this product is proved to be defective, the exclusive remedy available and 3M's only obligation shall be, at 3M's option, to replace such quantity of this product which is proved to be defective or to refund the purchase price.

### Limitation of Liability:

3M shall not be liable for direct, indirect, special, incidental or consequential damages based upon breach of warranty, breach of contract, negligence, strict liability or any other legal theory.

The foregoing statements may not be changed except by a written agreement signed by an authorized officer of 3M.

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