



CARGO-DRY® —Warmmark



Warmmark indicator, with this temperature indicator, a proprietary red dye is released onto a blotter to clearly indicate when your shipment is exposed to temperature levels above your predetermined level, creating a permanent and immediate indication of the duration of exposure. Activation of the device is simple — remove the tab and barrier film and apply to a dry surface on your product or packaging.

Size: 0.75"Width x 1.81"Length x 0.06 "Thickness(1.9cm Width x 4.6cm Length x 0.15 cm Thickness)

Temperature Range: -18°C/0°F、5°C/41°F、8°C/46°F、10°C/50°F、20°C/68°F、25°C/77°F、30°C/86°F、37°C/99°F；

Application

Warmmark indicator clearly indicates when your product is exposed to inappropriate temperature, recording if the goods temperature during the transport is reasonable. The inappropriate temperature record will not change with temperature and time change, so it is widely used in medical supplies, vaccines, blood / plasma, capsule products, chemicals, chocolate, freeze / frozen food.

How to use?

Warmmark is your best choice of goods temperature indicator. Removes the tab and barrier film and applies to a dry surface on your product or packaging.



Color Change Comparison

Package

10pcs/bag, 100pcs each package , put into a sealed bag, with product name and quantity on labels.

Transportation

Don't expose the label in high temperature in transportation, usually ship the labels in the original packaging box.

Storage

*WarmMark label, storage at least 5 degrees below the reaction temperature. Before using, the labels



do not change with outside temperature changes. The correct storage temperature ensures the indicator's regular service life;

*Once open to use, the indicator begins to record, no recycle;

*Place it in clean environment, chemical pollution will destroy the indicator;

*Please use within one year after delivery.

*WarmMark label is used to monitor when your goods exposed to temperature levels above your predetermined level.

Discoloring Time Table

If the label is exposed to a reaction temperature, the chemical in gaskets will melt and turn red, and begin to flow down along the inner tube. WarmMark has three windows, the chemical flowing into the window takes certain time, therefore, the time of the window turning red can be calculated, as the following sheet. When the temperature is lower than the reaction temperature, the chemical will stop moving. The accuracy of Warmmark keeps in +1 degree of reaction temperature.

WarnMark	Discoloring Time		
	Window 1	Window 2	Window 3
-18C/0F	<30Min.	2Hrs.	8Hrs.
0C/32F	2Hrs.	12Hrs.	48Hrs
5C/41F	<30Min.	2Hrs.	8Hrs.
8C/46F	2Hrs.	12Hrs.	48Hrs.
10C/50F	2Hrs.	12Hrs.	48Hrs.
20C/68F	2Hrs.	12Hrs.	48Hrs.
25C/77F	<30Min.	2Hrs.	8Hrs.
30C/86F	<30Min.	2Hrs.	8Hrs.
37C/99F	<30Min.	2Hrs.	8Hrs.

Contact us



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