

## WarmMark Duo How to Use Instructions

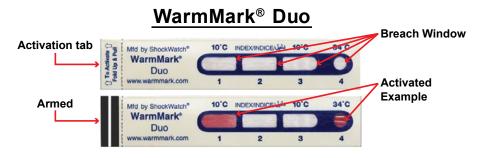
## **Arming & Use**

- 1. All WarmMark breach window(s) should be white prior to arming the device.
- 2. Before arming, the WarmMark indicator should be placed in an environment at least 5°C (9°F) below the WarmMark's activation threshold temperature for a minimum of 30 minutes.
- 3. To arm the WarmMark indicator, fold up and pull out the indicator's activation tab until the tab and barrier film have been completely removed.
- 4. If using a WarmMark indicator with an activation threshold temperature below the ambient temperature, immediately place the indicator in the environment to be monitored to avoid activation.
- 5. Remove the adhesive liner from the WarmMark and adhere the indicator to a clean, dry surface.
  - a. The WarmMark should be located where it will be visible to the receiver of the monitored shipment.
  - b. The WarmMark can be adhered directly to the product being monitored or located inside the packaging.

## Interpreting the WarmMark Duo

When the WarmMark is exposed to conditions above the indicator's activation temperature, a red dye will begin migrating through the run-out window(s).

Run-out times are based on a temperature 2°C (4°F) above the indicator threshold. If the temperature is greater than 2°C (4°F) above the activation temperature of the device, the run-out will occur faster.



Threshold Temp	Run-Out Times			
	Window 1	Window 2	Window 3	Window 4
10°C/50°F	3 days	8 days	14 days	-
34°C/93°F	-	-	-	Within 30 mins

## **Storage Recommendations**

WarmMark indicators should be stored in a cool dark place below the activation temperature of the indicator and between 35-55% relative humidity (RH).