

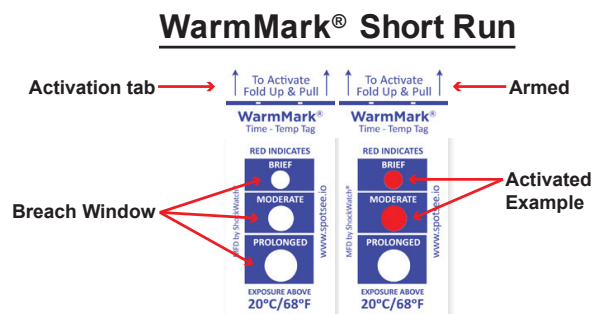
## Arming & Use

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

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			Single Window Indicators	
	Brief	Moderate	Prolonged		
-18°C / 0°F	1 hour	3 hours	12 hours	8°C / 46°F	8 hours
0°C / 32°F 8°C / 46°F 10°C / 50°F 20°C / 68°F	2 hours	12 hours	48 hours	8°C / 46°F	12 hours
5°C / 41°F 25°C / 77°F 30°C / 86°F 37°C / 99°F	30 minutes	2 hours	8 hours	25°C / 77°F	8 hours

## 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).