

## WarmMark Short-Run Time Temperature Indicators

### Run-Out Times

The WarmMark Short Time-Temperature Tags are available in the following response temperatures:

-18°C/0°F, 0°C/32°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 and 37°C/99°F.

The time required to colour in each of the three windows varies among the different response temperatures.

The run out times for each response temperature is listed in the following chart.

WarmMark Tag Response Temp	Run Out Times*		
	Window #1 - <i>Brief</i>	Window #2 - <i>Moderate</i>	Window #3 - <i>Prolonged</i>
-18°C/ 0°F	< 1 Hour	3 Hours	12 Hours
0°C/32°F	2 Hours	12 Hours	48 Hours
5°C/41°F	< 30 Min	2 Hours	8 Hours
8°C/46°F	2 Hours	12 Hours	48 Hours
10°C/50°F	2 Hours	12 Hours	48 Hours
20°C/68°F	2 Hours	12 Hours	48 Hours
25°C/77°F	< 30 Min	2 Hours	8 Hours
30°C/86°F	< 30 Min	2 Hours	8 Hours
37°C/99°F	< 30 Min	2 Hours	8 Hours

\*These are the run out times required to colour in each of the three windows when the Tag is exposed to 2 degrees celsius above the response temperature noted on the Tag.