Product Specifications

WarmMark Time-Temperature Indicator

Models	Response Temp	Window #1	Window #2	Window #3
51013	0°C / 32°F	2 Hr (±0.4 Hr)	12 Hr (±1 Hr)	48 Hr(±2 Hr)
51014	5°C / 41°F	20 Min (±5 Min)	2 Hr (±.4 Hr)	8 Hr (±0.75 Hr)
51017	10°C / 50°F	2 Hr (±0.4 Hr)	12 Hr (±1 Hr)	48 Hr (±2 Hr)
51018	20°C / 68°F	2 Hr (±0.4 Hr)	12 Hr (±1 Hr)	48 Hr (±2 Hr)
51020	30°C / 86°F	20 Min (±5 Min)	2 Hr (±0.4 Hr)	8 Hr (±0.75 Hr)
51021	37°C / 99°F	20 Min (±5 Min)	2 Hr (±0.4 Hr)	8 Hr (±0.75 Hr)
51022	8°C / 46°F	2 Hr (±.4 Hr)	12 Hr (±1 Hr)	48 Hr (±2 Hr)
51034	-18°C / 0°F	1 Hr (±5 Min)	2.5 Hr (±0.4 Hr)	12 Hr (±0.75 Hr)
51035	25°C / 77°F	30 Min (±5 Min)	2 Hr (±0.4 Hr)	8 Hr (±0.75 Hr)

Before After

Response Temperatures	-18°C/0°F to 37°C/ 99°F
Accuracy	±1°C of its response temperature
Tag Size	.75 in. x 1.81 in. x .06 in.; (1.9 cm x 4.6 cm x .15 cm)

- **Designed for accurate time/ temperature monitoring**
- **Provides a permanent temperature exposure record that assures your customers of consistent quality**
- **A blotter paper pad saturated with a red-dyed chemical is specially formulated to melt at the tag's response temperature**
- **Available in a variety of response temperatures**
- **Easy to use**

DeltaTrak manufactures products under an ISO 9000 registered quality management system

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