

Customised Label



The irreversible TIL series provides a permanent record of the highest temperature reached on a piece of equipment. When the equipment reaches a certain temperature, the white area on the label turns irreversibly black, giving clear proof of the highest temperature attained.

The Irreversible Temperature Indicating Label is a cost-effective solution for temperature checks during maintenance or for trouble spotting during research and development, especially where other measuring systems fail to record an external temperature of a machine or system. The low profile of the labels allows for application on components or in areas where the use of recording instruments proves impractical.

The Irreversible Temperature Indicating Labels provide continuous monitoring, as there is no interruption due to loss of mains power or an empty battery of measuring devices or equipment.

Irreversible Indicating Labels are preferably applied on a dry, clean surface for maximum effectiveness, but the strong adhesive reduces the possibility of labels falling off, even on dirty or uneven surfaces.

Key Features

- Quick, easy and cost-effective
- Large reading fields for maximum visibility at distance
- Strong adhesive for any surface
- Continuous monitoring without human supervision or risk of power loss
- Clear window on the packaging, which acts as a reminder for reordering

Properties	
Dimensions	- Ø 13 mm Diameter 20 x 20 mm 20 x 45 mm 56 x 20 mm
Brady Material No.	• B-7511 (Polyester) for labels below 143°C • B-7512 (PEN) for labels above 149°C
Adhesive	Modified acrylic
Accuracy	< 100°C ± 1°C 100°C – 143°C ± 1.5°C 143°C – 154°C ± 1.5°C > 154°C 1% ± 1°C
Applications	Electric motors, pumps, all moving or rotating equipment, transformers, brakes, batteries



Code Reader 3.0 (CR3) Scanner

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Other temperature ranges, sizes and customised designs are available on demand, subject to minimum order quantities

Order Reference System

TIL-1-82C/180F

- Starting point of the temperature range, e.g. 82° Celsius / 180° Fahrenheit
- 1-level-label
- TIL = Temperature Indicating Label

Label Types Legend Keys



Label Type	Order Reference	Description	Dimensions (mm)	Labels / Sheet	Sheets / Pack	Pcs. / Pack
▼	TIL-1-82C/180F	1-Level Maintenance, 82°C	20 x 20	10	6	60
■	TIL-1-60C/140F-DIA	1-Level Single, 60°C	Ø 13	15	4	60
■	TIL-1-71C/160F-DIA	1-Level Single, 71°C	Ø 13	15	4	60
■	TIL-1-82C/180F-DIA	1-Level Single, 82°C	Ø 13	15	4	60
▲	TIL-4-82C/180F	4-Level-Label, 82/93/104/116°C	20 x 45	5	6	30
●	TIL-6-37C/100F	6-Level-Label, 37/40/43/46/49/54°C	56 x 20	5	6	30
●	TIL-6-60C/140F	6-Level-Label, 60/62/65/71/77/82°C	56 x 20	5	6	30
●	TIL-6-88C/190F	6-Level-Label, 88/93/99/104/107/110°C	56 x 20	5	6	30
●	TIL-6-116C/240F	6-Level-Label, 116/121/127/135/138/143°C	56 x 20	5	6	30
●	TIL-6-149C/300F	6-Level-Label, 149/154/160/166/171/177°C	56 x 20	5	6	30
●	TIL-6-182C/360F	6-Level-Label, 182/188/193/199/204/210°C	56 x 20	5	6	30