

## FEATURES

- These temperature indicators can be applied to most metals and plastics.
- Reads temperatures between 132°C and 182°C
- Size 51mm x 18mm

# RS PRO Non-Reversible Temperature Sensitive Label, 132°C to 182°C, 10 Levels

RS Stock No.: 779-9776



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

## Product Description

From RS PRO, comes a range of non-reversible temperature test strips. This range of easy to read temperature labels are designed to be self-adhesive and provide the current temperature with an accuracy of +/- 1°C. These temperature test strips will permanently record the highest bracketed temperature reached by the label.

## General Specifications

<b>Number of Temperature Levels</b>	10
<b>Labels Per Product</b>	10
<b>Orientation</b>	Vertical
<b>Reversibility</b>	Irreversible
<b>Accuracy</b>	+/-1°C
<b>Scale</b>	°C , °F
<b>Shelf Life</b>	24 months , 12months
<b>Surface or carrier</b>	Polyester
<b>Adhesive Type</b>	Acrylic
<b>Colour Change Material</b>	Non-toxic, white crystalline, adhered with acrylic adhesive
<b>Tolerance</b>	±1°C
<b>Covering Film</b>	Polyester
<b>Storage</b>	Store in a room temperature , stored in refrigerator in sealed bag
<b>Pressure sensitive</b>	No
<b>Applications</b>	Food Industry , Pharmaceuticals, Medical products, Industrial equipment, Shipping and packaging for sensitive goods

## Mechanical Specifications

<b>Dimensions</b>	18mm X 51mm
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<b>Label Length</b>	51mm
<b>Label Width</b>	18mm

## Operation Environment Specifications

<b>Minimum Temperature Sensitivity</b>	132°C
<b>Maximum Temperature Sensitivity</b>	182°C

## Approvals

<b>Compliance/Certifications</b>	RoHS Certificate of compliance
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## Accessories

Item Name	Item Description	Quantity
Time indicator label	Time Strip Non reversible time indicator label , 19 x40mm 3 months	1box of 100
Time indicator label	Time Strip Non reversible time indicator label 19 x40mm 6 months	1box of 100
Time indicator label	Time Strip Non reversible time indicator label 19 x40mm 12months	1box of 100
Time indicator label	Time Strip Non reversible time indicator label 19 x40mm 1month	1box of 100

**Physical Properties:**

(Not for specification purposes)

	Low Temperatures (171°C and below)	Mid Temperatures (177°C to 210°C)	High Temperatures (210°C+)
Adhesive Type	Acrylic	Modified Acrylic	Modified Acrylic
Carrier	Polyester	Tissue	Tissue
Covering Film	Polyester	Kaladex	Polyimide
Colour Change Material	Non-toxic, white crystalline solid on a black absorbent backing, adhered with acrylic adhesive		
Tolerance	29 to 99°C = ±1°C, 100 to 154°C = ±1.5°C and 160 to 280°C = ±1% +1°C		
Shelf Life	Temperatures from 29 – 34°C / 84 – 93°F = 6 months storage life, providing they are stored in a refrigerator inside a sealed bag. Temperatures from 37 – 49°C / 99 – 120°F = 12 months storage life, providing they are stored in a refrigerator inside a sealed bag. Temperatures from 54 – 290° / 130 – 554°F = 24 months storage life, store at room temperature & Humidity (i.e. 20°C/68°F & 50% relative humidity)		

RS Order Code	Description	Temperatures	Dimensions
7799779	10 Level Range A	40-71°C   104-160°F	51mm x 18mm
7799772	10 Level Range B	77-127°C   171-261°F	51mm x 18mm
7799776	10 Level Range C	132-182°C   270-360°F	51mm x 18mm
7799785	10 Level Range D	188-249°C   370-480°F	51mm x 18mm