

FEATURES

- A cost-effective and reliable solution
- Indicators on labels are in °C
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- Suitable for monitoring temperature over a certain period of time using 8 temperature increments
- The labels are supplied in 3 strips of 10 self-adhesive labels

RS PRO Temperature Sensitive Label, 40°C to 88°C, 4 Levels

RS Stock No.: 552-618



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

Introducing the range of RS PRO temperature sensitive labels, ideal for use in the food, automotive, moulding and metal working industries. The labels have been designed as a temperature test strip that will make a permanent and irreversible record of the highest temperature bracket reached when applied to the surface of an object by changing colour. These heat-sensitive RS PRO temperature indication labels are a high quality and cost-effective solution that measures surface temperature accurately and provides reliable proof that the item or product has been maintained at the correct temperature and is suitable for use across a wide variety of applications

General Specifications

Number of Temperature Levels	4
Orientation	Horizontal
Reversibility	Irreversible
Scale	°C
Shelf Life	12 months ,6months
Surface or carrier	Polyester
Adhesive Type	Acrylic
Colour Change Material	Non-toxic, white crystalline, adhered with acrylic adhesive
Tolerance	±1°C,
Covering Film	Polyester
Storage	Store in a refrigerator in sealed bag
Pressure sensitive	No
Applications	Food Industry , Pharmaceuticals, Medical products, Industrial equipment, Shipping and packaging for sensitive goods

Mechanical Specifications

Dimensions	11mm X 4mm
Label Length	11mm
Label Width	4mm

Operation Environment Specifications

Minimum Temperature Sensitivity	40°C
Maximum Temperature Sensitivity	88°C

Approvals

Compliance/Certifications	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
552618	4 Level Micro Range 1 Kit	40-46°C 49-65°C 71-88°C	4mm x 11mm
552624	4 Level Micro Range 2 Kit	93-110°C 116-132°C 138-154°C	4mm x 11mm
552630	4 Level Micro Range 3 Kit	160-177°C 182-199°C 204-224°C	4mm x 11mm

