



Data Sheet



ENGLISH

4 Level Micro Irreversible Label Kit

A temperature test strip that will record permanently the highest bracketed temperature reached by the label.



Application:

Peel temperature indicating label from backing paper. Apply to dust and grease free surface. Indicators change from white/grey to black when the temperature rating has been achieved. Note that labels with a polyimide film will appear orange to start. These products are made to the highest standards however they are not suitable for all applications. **Please discuss any specific needs with our team.**

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

Each Kit contains 30 temperature labels, 10 pieces of each temperature range.