



# Product Data

## 5 Level Clock Irreversible Labels



**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
285964	5 Level Clock Range 1	40-54°C	15mm diameter
285970	5 Level Clock Range 2	60-82°C	15mm diameter
285986	5 Level Clock Range 3	88-110°C	15mm diameter
285992	5 Level Clock Range 4	116-138°C	15mm diameter
286002	5 Level Clock Range 5	143-166°C	15mm diameter
286018	5 Level Clock Range 6	171-193°C	15mm diameter

### 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.

Data Ref:

