

## **Data Sheet**



**ENGLISH** 

## 8 Level Irreversible Labels

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	Mid Temperatures	High Temperatures	
	(171ºC and below)	(177°C to 210°C)	(210ºC+)	
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 $29 - 34^{\circ}\text{C} / 84 - 93^{\circ}\text{F} = 6$ months storage life, providing they are stored in a refrigerator inside a sealed bag.  Temperatures from $37 - 49^{\circ}\text{C} / 99 - 120^{\circ}\text{F} = 12$ months storage life, providing they are stored			
	in a refrigerator inside a sealed ba	a refrigerator inside a sealed bag.		
	Temperatures from 54 – 290º / 130 – 554ºF = 24 months storage life, store at room			
	temperature & Humidity (i.e. 20°C/68°F & 50% relative humidity)			

RS Order Code	Description	Temperatures	Dimensions
555392	8 Level Range A	37-65°C	51mm x 18mm
555409	8 Level Range B	71-110ºC	51mm x 18mm
555415	8 Level Range C	116-154ºC	51mm x 18mm
555421	8 Level Range D	160-199ºC	51mm x 18mm
555437	8 Level Range E	204-260ºC	51mm x 18mm