



Product Data Sheet – TSure™ T-Rating labels

Product Description: A range of temperature test strips that will record, permanently, the highest bracketed temperature (T-Rating) reached by the label.



Product Range: Available in various ratings between 85°C and 200 °C (T6, T5, T4, T3)

Physical Properties:
 (Not for specification purposes)

	T-Rating T6, T5, T4	T-Rating T3
Adhesive Type	Acrylic	Modified Acrylic
Carrier	Polyester	Tissue
Covering Film	Polyester	Polyethylene Naphthalate
Dielectric Strength	IEC243 160 K v/mm	
Surface resistivity	IEC93 >10 ¹³ ohm	
Volume resistivity	IEC93 >10 ¹⁵ OHM M	
Response Time	2 to 5 seconds	
Colour Change material	Non-toxic, white crystalline solid on a black absorbent backing, adhered with acrylic adhesive	
Tolerance	T6 = ±1°C T5,T4=±1.5°C T3 = ±1% +1°C	
Shelf Life	24 months storage life, store at room temperature & humidity (i.e. 16°C to 27°C @ca 60%RH)	

Application: Peel TSure™ temperature-indicating label from backing paper. Apply to dust & grease free surface. Indicators change permanently from white/grey to black when the temperature rating has been achieved.

Information in this Product Data Sheet is compiled from our general experience and data obtained from various technical publications. While Blayds Group Ltd believes that the information provided herein is accurate at the date hereof, no responsibility for its completeness or accuracy can be assumed. The information is provided solely for consideration, investigation and verification by the user. Customer must test the products to ensure they meet their needs and are suitable for use in their process.

Revision April 2021