



TQC Sheen Temperature Indication Stickers

TQC Sheen Temperature Indication Stickers are a simple, effective solution for tracking temperature exposure across a range of industries. Designed to change color permanently when a specific temperature is reached, they help ensure process control, quality assurance, and compliance.

Fast and Reliable Temperature Monitoring

TQC Sheen Temperature Indication Stickers offer a quick, reliable way to track temperature exposure. These self-adhesive labels use irreversible color-change technology to permanently display the highest temperature reached—ideal for quality control in coatings, automotive, and industrial settings.

Permanent and Easy-to-Use

Designed for single use, the stickers change color once a specific temperature is reached, providing a lasting record of exposure. They can be applied directly to surfaces such as motors, pipes, and electronic components, offering a non-intrusive, cost-effective solution for monitoring peak temperatures. Please note: These stickers are not suitable for room temperature monitoring.

Enhancing Process Control and Quality Assurance

Maintaining proper temperature ranges is critical for product performance. These indicators confirm whether materials or components have remained within required limits, helping to avoid defects and ensure compliance in heat-sensitive processes.

Sticker Series Options

Choose the right series based on your application needs:

Series 1: Single temperature per sticker (e.g., 40°C, 44°C, 46°C).

Series 5: Five temperature points per strip, from 40°C to 260°C.

Series 8: Eight temperature points per strip for broader monitoring.

Series 10: Ten temperature points per strip, ideal for complex processes.

How They Work

Each sticker features a heat-sensitive indicator that permanently changes color when its set temperature is reached. After use, the sticker must be replaced for new tests.

Versatile Monitoring Solution

No external equipment is needed—just apply to a clean, dust-free surface. Their permanent nature makes them ideal for compliance checks, process validation, and troubleshooting in industrial environments.

Technical Specifications:

Sticker size:	51 mm x 18 mm
Type:	Vertical, Self-Adhesive
Temperature scale:	°C and °F
Series options & pack sizes:	- Series 1: 50 stickers per sheet - Series 5: 10 stickers per sheet - Series 8: 10 stickers per sheet - Series 11: 10 stickers per sheet (Temperature range: 55°C to 100°C)
Other pack sizes available depending on series	
Adhesive type:	Acrylic
Color change material:	Non-toxic, crystalline solid on a black absorbent backing
Shelf life:	29°C – 34°C: 6 months (refrigerated) 37°C – 49°C: 12 months (refrigerated) 54°C – 290°C: 24 months (room temperature)
Industries:	Coatings, automotive, electronics, food, pharmaceuticals, metal processing
Applications:	Temperature and climatic testing, process monitoring
Materials tested:	Metal, inks & coatings

Features & Benefits:

- Irreversible color change records the highest temperature
- Single-use design requires replacement after exposure
- Peel-and-stick application for instant use
- Accurate monitoring without extra instruments
- Wide range covers 29°C to 290°C
- Available in different series with 1, 5, 8, or 10 temperatures per sticker
- Used in coatings, electronics, food, pharmaceuticals, ovens, and engine construction applications
- Permanent record stays visible for months, ideal for control purposes
- No power source or setup needed
- Different pack sizes available

Disclaimer

The information contained in this document is liable to modification from time to time in the light of experience and our policy of continuous product development. Check the Industrial Physics website for the latest version.

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