

Tempilaq[®] G

Temperature Indicating Liquids For Cold and/or Smooth Surfaces

APPLICATIONS

- Measuring process temperatures under dynamic conditions
- Thermal mapping of many surfaces
 - Wave soldering PC boards
 - Dielectric heat sealing
- Post forming plastic laminate
 - Annealing polished metal surfaces
 - Determine glass temperatures at various heating stages
 - Calibrating industrial ovens
- Monitor transistor temperatures on ultrasonic generators
 - Measure temperatures on fan blower motors
 - Testing temperature patterns on industrial burners
- Maintaining critical temperatures during furnace brazing applications
 - Show part temperature when induction heated
 - Checking pasteurization temperature
- Confirming proper stress relief temperatures
 - Brake shoe hardening
 - Verifying part cure temperatures

BENEFITS

- **Surface Temperature Detection**
 - **Simple**
no gauges or electronics
 - **Reliably Accurate** ±1%
 - **Inexpensive Alternative**
for temperature measurement
- **Easy to Apply**
quick drying fluid
- **Non-flammable** for maximum safety and unrestricted shipment
- **HAP Free**
no hazardous air pollutants
- **44 Temperature Ratings**
are available
- **Production Lot Numbered**
for traceability
- **Certification Available**
upon request

HOW TO USE

Apply Tempilaq[®] by brush, dipping or spraying to a clean, dry surface. Tempilaq[®] will dry rapidly to a dull, opaque film. As heat is applied and the rated temperature is achieved the Tempilaq[®] film will liquefy. Upon cooling, re-solidified mark will be distinctly different than original mark.

Standard Packaging:

2 oz bottles
Thinner: 2 oz bottles

Fahrenheit/Centigrade Ratings for Tempilaq[®]

Part No.	°F	°C	Part No.	°F	°C	Part No.	°F	°C	Part No.	°F	°C
TL0175	175	79	TL0400	400	204	TL0700	700	371	TL1200	1200	649
TL0200	200	93	TL0425	425	218	TL0750	750	399	TL1250	1250	677
TL0225	225	107	TL0450	450	232	TL0800	800	427	TL1300	1300	704
TL0250	250	121	TL0475	475	246	TL0850	850	454	TL1400	1400	760
TL0275	275	135	TL0488	488	253	TL0900	900	482	TL1450	1450	788
TL0300	300	149	TL0500	500	260	TL0950	950	510	TL1500	1500	816
TL0313	313	156	TL0525	525	274	TL1000	1000	538	TL1600	1600	871
TL0325	325	163	TL0550	550	288	TL1022	1022	550	TL1700	1700	927
TL0350	350	177	TL0575	575	302	TL1050	1050	566	TL1800	1800	982
TL0363	363	184	TL0600	600	316	TL1100	1100	593	TL1900	1900	1038
TL0375	375	191	TL0650	650	343	TL1150	1150	621	TL2000	2000	1093

Note: The color of Tempilaq is for identification only and has no relation to it's performance as a temperature indicator.