

# Info – WELd no.17



## WELDAMAX WELDING INFORMATION BULLETIN

# Tempilstik<sup>®</sup> Temperature Indicators



Extensively used in our welding industry are these accurately manufactured temperature indicators. A wide range of specific temperature sticks are available, as listed below. Tempilstik covers the most popular temperature measurement requirements needed for welding and metal fabrication, where pre-heat / post-weld / stress relieving, annealing or controlling of inter-pass temperatures are required. Tempilstiks covers even a wider application range than that required by various welding applications i.e. in determining operating temperatures of – bearings / transformers / steam traps / molds / motors / hydraulic systems / heat exchangers / electronic components etc.

### **ADVANTAGES**

- Inexpensive alternative for temperature measurement
- Easy to use by anyone / anywhere – no gauges or electronics
- Reliably accurate – melts within + - 1% of rated temperature
- Improved efficiency - Operator carry's it in his pocket like a pencil
- Long lasting chalk – adjustable holder
- Most can be certified lead and sulfur free

### **HOW TO USE THE TEMPILSTIK**

Mark the workpiece before heating or stoke the workpiece during heating. When the rated temperature is reached a distinct melt (smear) will become evident.

### **WELDAMAX -- TEMPILSTIK TEMPERATURE RANGE STOCKED**

°C	°F	°C	°F
38	100	260	500
52	125	274	525
59	138	288	550
66	150	302	575
79	175	316	600
93	200	343	650
101	213	371	700
107	225	399	750
111	231	427	800
121	250	454	850
135	275	482	900
149	300	510	950
163	325	538	1000
177	350	566	1050
191	375	593	1100
204	400	649	1200
218	425	704	1300
232	450	760	1400
246	475	816	1500
253	488	899	1650