

Markal[®] Thermomelt[®] HEAT STIK[®]

Precision Surface Temperature Indicator for the Welding Industry



When it melts the precise temperature is reached.

Certified temperatures meet the following specifications:

- EDF PMUC
- MIL – STD-2041D
- US DOE RDT F-7-3T (expired)
- U.S. Navy C3070

Certification and analysis at www.markal.com

Critical temperature measurement applications:

- Preheating
- Post-weld heat treating
- Interpass temperature monitoring
- Stress relieving
- Annealing

Used in following industries:

- Nuclear plants
- Shipyards
- Bridge construction
- Engine plants
- Boiler systems
- Power piping systems
- Metal fabrication plants
- Welding Industry

Meets welding codes:

- AWS D1.1
- ANSI/ASME Code B32.1 & B31.3
- ASME Code Sec. I, III and VII
- NIST traceable



**Certified temperatures
for use with
power facilities**

**Fast, low-cost
measurement**

**Superior accuracy,
±1% of rated
temperature***

**Engineered screw
top holder
prevents slipping**

**33% bigger,
long-lasting**



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How to use:

Modo de empleo:

Mode d'emploi:



Thermomelt[®] Heat Stik[®]

F°	C°	Part No.	F°	C°	Part No.	F°	C°	Part No.	F°	C°	Part No.	F°	C°	Part No.
100	38	86400	238	114	86553	363	184	86706	700	371	86868	1480	804	87039
109	43	86409	250	121	86562	375	191	86715	750	399	86877	1500	816	87048
113	45	86418	256	124	86569	388	198	86724	800	427	86886	1550	843	87057
119	48	86427	263	128	86571	400	204	86733	850	454	86895	1600	871	87066
125	52	86436	269	132	86580	413	212	86742	900	482	86904	1650	899	87075
131	55	86445	275	135	86589	425	218	86751	950	510	86922	1700	927	87084
138	59	86454	282	139	86598	438	225	86760	1000	538	86931	1750	954	87093
150	66	86463	288	142	86607	450	232	86769	1022	550	86940	1800	982	87102
163	73	86472	294	146	86616	463	239	86778	1050	565	86949	1850	1010	87111
175	79	86481	300	149	86625	475	246	86787	1100	593	86958	1900	1038	87120
182	83	86490	306	152	86634	488	253	86796	1150	621	86967	1950	1066	87129
188	87	86499	313	156	86643	500	260	86805	1200	649	86976	2000	1093	87138
194	90	86508	319	159	86652	525	274	86814	1250	677	86985	2050	1121	87147
200	93	86517	325	163	86661	550	288	86823	1300	704	86994	2100	1149	87156
206	97	86522	331	166	86670	575	302	86832	1350	732	87003	2150	1177	87165
213	101	86526	338	170	86679	600	316	86841	1400	760	87012	2200	1204	87174
219	104	86535	344	173	86688	625	329	86850	1425	774	87021			
225	107	86544	350	177	86697	650	343	86859	1450	788	87030			

*Accuracy range for Celsius temperatures is $\pm 3\%$

*Rango de precisión de temperaturas en grados Celsius es $\pm 3\%$

*La tolérance pour les températures en degrés Celsius est de $\pm 3\%$

Celsius Temperatures

Temperaturas en grados Celsius

Températures en degrés Celsius

C°	Part No.	C°	Part No.	C°	Part No.	C°	Part No.	C°	Part No.
50	86402	160	86466	300	86626	650	86860	1000	86932
60	86403	165	86468	350	86698	700	86870	1050	86950
75	86404	175	86410	400	86734	750	86878	1100	86960
100	86401	200	86516	450	86770	800	86887	1150	86968
110	86411	225	86405	500	86807	850	86896	1200	86977
125	86408	250	86563	550	86824	900	86905		
150	84664	275	86407	600	86842	950	86923		

Certified Thermomelt[®] Heat Stik[®]

F°	C°	Part No.	F°	C°	Part No.	F°	C°	Part No.	F°	C°	Part No.
100	38	89100	250	121	89250	400	204	89400	550	288	89550
125	52	89125	275	135	89275	425†	218	89425	600	316	89600
150	66	89150	300	163	89300	450	232	89450	650	343	89650
175	79	89175	325	163	89325	475†	246	89475			
200	93	89200	350	177	89350	500	260	89500			
225	107	89225	375	191	89375	525	274	89525			

Certification and analysis at www.markal.com

†475 F (246 C) and 425 F (218 C) do not meet EDF PMUC required levels

Certificación y desarrollo en www.markal.com

†475 F (246 C) y 425 F (218 C) no cumplen con los niveles EDF PMUC requeridos

Certification et descriptif disponibles sur www.markal.com

†475 °F (246 °C) et 425 °F (218 °C) ne satisfont pas aux niveaux requis par EDF PMUC

