Surface Temperature Monitoring System

THERMAX®

Irreversible Temperature Sensitive Products



IRREVERSIBLE LABELS

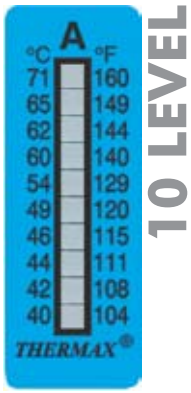
A fast, simple temperature monitoring system based on Proprietary color change technology

- **Inexpensive and Easy to Use**
- **Immediate Response**
- **Permanent Record of Highest Temperature**
- **Oil, Water and Steam Resistant**
- **Accurate to ± 1°C from 29-154°C and 1% of the rated temperature above 154°C**
- **Temperature range 38-290°C**
- **Labels or Strips**
- **Silver to Black Color Change**
- **Last Black Event is the highest temperature achieved**

THERMAX 10 LEVEL STRIPS

A	°F	104	108	111	115	120	129	140	144	149	160
	°C	40	42	44	46	49	54	60	62	65	71
B	°F	171	180	190	199	210	219	230	241	250	261
	°C	77	82	88	93	99	104	110	116	121	127
C	°F	270	280	289	300	309	320	331	340	351	360
	°C	132	138	143	149	154	160	166	171	177	182
D	°F	370	379	390	399	410	421	435	450	466	480
	°C	188	193	199	204	210	216	224	232	241	249

Specifications:
Size: 2.00" x 0.7" (51 x 18mm)
Type: Verical, Self adhesive.
Scale: °F and °C
Range: (Sold in units of 10)

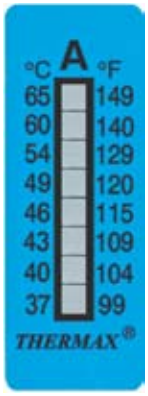


10 LEVEL

THERMAX 8 LEVEL STRIPS

A	°F	99	104	109	115	120	129	140	149	
	°C	37	40	43	46	49	54	60	65	
B	°F	160	171	180	190	199	210	219	230	
	°C	71	77	82	88	93	99	104	110	
C	°F	241	250	261	270	280	289	300	309	
	°C	116	121	127	132	138	143	149	154	
D	°F	320	331	340	351	360	370	379	390	
	°C	160	166	171	177	182	188	193	199	
E	°F	399	410	421	435	450	466	480	489	500
	°C	204	210	216	224	232	241	249	254	260

Specifications:
Size: 2.00" x 0.7" (51 x 18mm)
Type: Vertical, Self adhesive.
Scale: °F and °C
Range: (Sold in units of 10)



8 LEVEL

THERMAX 6 MINI STRIPS

1	°F	84	91	93	99	104	108
	°C	29	33	34	37	40	42
2	°F	111	115	120	129	140	144
	°C	44	46	49	54	60	62
3	°F	149	160	171	180	190	199
	°C	65	71	77	82	88	93
4	°F	210	219	230	241	250	261
	°C	99	104	110	116	121	127
5	°F	270	280	289	300	309	320
	°C	132	138	143	149	154	160
6	°F	331	340	351	360	370	379
	°C	166	171	177	182	188	193
7	°F	390	399	410	421	435	450
	°C	199	204	210	216	224	232
8	°F	466	480	489	500	536	554
	°C	241	249	254	260	280	290

Specifications:
Size: 0.47" x 1.26" (12 x 32mm)
Type: Horizontal, Self adhesive.
Scale: °F and °C
Range: (Sold in units of 10)

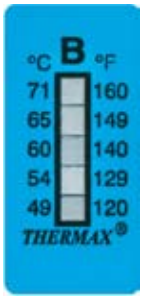


6 LEVEL

THERMAX 5 LEVEL STRIPS

A	°F	99	104	109	111	115
	°C	37	40	42	44	46
B	°F	120	129	140	149	160
	°C	49	54	60	65	71
C	°F	171	180	190	199	210
	°C	77	82	88	93	99
D	°F	219	230	241	250	261
	°C	104	110	116	121	127
E	°F	270	280	289	300	309
	°C	132	138	143	149	154
F	°F	320	331	340	351	360
	°C	160	166	171	177	182
G	°F	370	379	390	399	410
	°C	188	193	199	204	210
H	°F	421	435	450	466	480
	°C	216	224	232	241	249
I	°F	480	489	500	536	554
	°C	249	254	260	280	290
S	°F	84	91	93	99	104
	°C	29	33	34	37	40

Specifications:
Size: 1.53" x 0.7" (39 x 18mm)
Type: Vertical, Self adhesive.
Scale: °F and °C
Range: (Sold in units of 10)



5 LEVEL

Thermax irreversible temperature strips and indicators provide a permanent record that an item has exceeded its rated temperature and can be used in most applications where temperature is a concern.

Surface Temperature Monitoring System

THERMAX®

Strips and Indicators

APPLICATIONS

Pharmaceuticals and Food Stuffs

- **Prevention of heat-related deterioration**
  - During Transportation and Distribution
  - Prove that a thermal disinfection temperature has been reached

Manufacturing—Electronics, Aerospace, Automotive

- **Monitoring temperature surface (curing-bonding)**
  - Confirm that soldering temperatures have been achieved
- **Observing machinery overheating due to friction**
  - Warranty abuse monitor engine component temperature
  - Confirm temperature integrity in machine maintenance
- **Insure that temperature sensitive products meet installation requirements**
  - Warn users that environmental conditions exceed temperature limits

Complies with the essential requirements of the relevant European health, safety and environmental protection legislation
Compliant to BS EN ISO 9001:2000

THERMAX 3 LEVEL STRIPS

A	°F	99	104	108	**I**	°F	309	320	331
	°C	37	40	42		°C	145	160	166
B	°F	111	115	120	**J**	°F	340	351	360
	°C	44	46	49		°C	171	177	182
C	°F	129	140	149	**K**	°F	370	379	390
	°C	54	60	65		°C	188	193	199
D	°F	160	171	180	**L**	°F	399	410	421
	°C	71	77	82		°C	204	210	216
E	°F	190	199	210	**M**	°F	435	450	466
	°C	88	93	99		°C	224	232	241
F	°F	219	230	241	**N**	°F	480	489	500
	°C	104	110	116		°C	249	254	260
G	°F	250	261	270	**O**	°F	500	536	554
	°C	121	127	132		°C	260	280	290
H	°F	280	289	300	**S**	°F	84	91	93
	°C	138	143	149		°C	29	33	34

Specifications:
Size: 0.98" x 0.66" (17 x 25mm)
Type: Vertical, Self adhesive.
Scale: °F and °C
Range: (Sold in units of 10)



3 LEVEL

THERMAX ENCAPSULATED INDICATORS

°F	84	91	93	99	104	108	109
	111	115	120	129	140	144	149
	160	171	180	190	199	210	219
	230	241	250	261	270	280	289
	300	309	320	331	340	351	360
	370	379	390	399	410	421	435
	450	466	480	489	500	536	554

°C	29	33	34	37	40	42	43
	44	46	49	54	60	65	65
	71	77	82	88	93	99	104
	110	116	121	127	132	138	143
	149	154	160	166	171	177	182
	188	193	199	204	210	216	224
	232	241	249	254	260	280	290

ENCAPSULATED

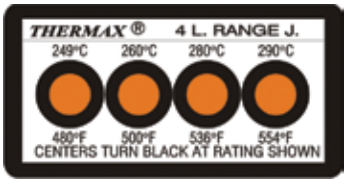
Specifications:
Size: 0.47" x 0.51" (12x13mm)
Type: Single temperature indicator shows when maximum temperature has been achieved. Self adhesive.
Scale: °F and °C
Range: (Sold in units of 50)



THERMAX 4 LEVEL STRIPS

A	°F	99	111	120	129	**F**	°F	300	309	320	331
	°C	37	44	49	54		°C	149	154	160	166
B	°F	140	149	160	171	**G**	°F	340	351	360	370
	°C	60	65	71	77		°C	171	177	182	188
C	°F	180	190	199	210	**H**	°F	379	390	399	410
	°C	82	88	93	99		°C	193	199	204	210
D	°F	219	230	241	250	**I**	°F	421	435	450	466
	°C	104	110	116	121		°C	216	224	232	241
E	°F	261	270	280	289	**J**	°F	480	500	536	554
	°C	127	132	138	143		°C	249	260	280	290

Specifications:
Size: 0.091" x 1.77" (23 x 45mm)
Type: Horizontal, Self adhesive.
Scale: °F and °C
Range: (Sold in units of 10)



4 LEVEL

THERMAX 4 LEVEL MICRO LABELS

1	°F	104	108	111	115
	°C	40	42	44	46
2	°F	120	129	140	149
	°C	49	54	60	65
3	°F	160	171	180	190
	°C	71	77	82	88
4	°F	199	210	219	230
	°C	93	99	104	110
5	°F	241	250	261	270
	°C	116	121	127	132
6	°F	280	289	300	309
	°C	138	143	149	154
7	°F	320	331	340	351
	°C	160	166	171	177
8	°F	360	370	379	390
	°C	152	188	193	199
9	°F	399	410	421	435
	°C	204	210	215	224


4 LEVEL MICRO

Specifications:
Size: 0.15" x 0.43" (4 x 11mm)
Type: Horizontal, Self adhesive.
Scale: °C
Range: (Sold in units of 10)

THERMAX CLOCK INDICATORS

1	°F	104	109	115	120	129
	°C	40	43	45	49	54
2	°F	140	149	160	171	180
	°C	60	65	71	77	82
3	°F	190	199	210	219	230
	°C	88	93	99	104	110
4	°F	241	250	261	270	280
	°C	116	121	127	132	138
5	°F	289	300	309	320	331
	°C	143	149	154	160	166
6	°F	340	351	360	370	379
	°C	171	177	182	188	193
7	°F	390	399	410	421	435
	°C	199	204	210	216	224
8	°F	450	466	480	489	500
	°C	232	241	249	254	260


CLOCK

Specifications:
Size: 0.55" Dia. (14mm)
Type: Circular, Self adhesive.
Scale: °F and °C
Range: (Sold in units of 10)