

Surface Temperature Monitoring System

THERMAX[®]

Irreversible Temperature Sensitive Products



IRREVERSIBLE LABELS

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

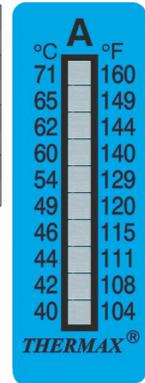
- ◆ Inexpensive and Easy to Use
- ◆ Immediate Response
- ◆ Permanent Record of Highest Temperature
- ◆ Oil and Water Resistant
- ◆ Accuracy:
Less than 100°C is ±1°C,
100°C to 154°C is ±1.5°C,
Greater than 154°C is ±4°C
- ◆ Temperature range 29-290°C
- ◆ Self Adhesive Label
- ◆ Silver to Black Color Change
- ◆ 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: Vertical, Self adhesive.
Scale: °F and °C
Range: (Sold in units of 10)



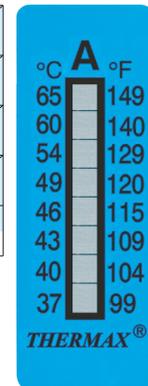
10 LEVEL

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)



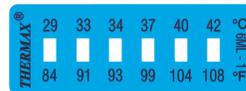
8 LEVEL

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
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)



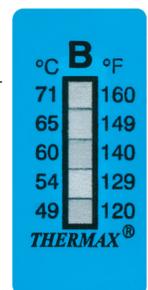
6 LEVEL

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

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 labels 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®

Labels 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

THERMAX ENCAPSULATED INDICATORS

°F	93	99	104	109	115	120	129	140
°C	34	37	40	43	46	49	54	60
°F	149	160	171	180	199	219	241	261
°C	65	71	77	82	93	104	116	127
°F	280	300	320	340	360	380	399	421
°C	138	149	160	171	182	193	204	216
°F	450	480	500	536	554			
°C	232	249	260	280	290			

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)



ENCAPSULATED

THERMAX 4 LEVEL STRIPS

A	°F	99	111	120	129
	°C	37	44	49	54
D	°F	219	230	241	250
	°C	104	110	116	121
E	°F	261	270	280	289
	°C	127	132	138	143
F	°F	300	309	320	331
	°C	149	154	160	166

Specifications:

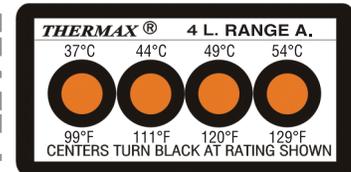
Size: 0.91" x 1.77" (23 x 45mm)

Type: Horizontal, Self adhesive.

Scale: °F and °C

Range: (Sold in units of 10)

4 LEVEL



THERMAX 4 LEVEL MICRO LABELS

2	°F	120	130	140	150
	°C	49	54	60	65
4	°F	200	210	220	230
	°C	93	99	104	110
5	°F	240	250	260	270
	°C	116	121	127	132
7	°F	320	330	340	350
	°C	160	166	171	177
8	°F	360	370	380	390
	°C	182	188	193	199
9	°F	400	410	420	435
	°C	204	210	216	224

Specifications:

Size: 0.15" x 0.43" (4 x 11mm)

Type: Horizontal, Self adhesive.

Scale: °C or °F

Range: (Sold in units of 10)



4 LEVEL MICRO

THERMAX CLOCK INDICATORS

1	°F	105	110	115	120	130
	°C	40	43	46	49	54
2	°F	140	150	160	170	180
	°C	60	65	71	77	82
3	°F	190	200	210	220	230
	°C	88	93	99	104	110
4	°F	240	250	260	270	280
	°C	116	121	127	132	138
5	°F	290	300	310	320	330
	°C	143	149	154	160	166
6	°F	340	350	360	370	380
	°C	171	177	182	188	193
7	°F	390	400	410	420	435
	°C	199	204	210	216	224
8	°F	450	465	480	490	500
	°C	232	241	249	254	260

Specifications:

Size: 0.55" Dia. (14mm)

Type: Circular, Self adhesive.

Scale: °F and °C

Range: (Sold in units of 10)



CLOCK

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