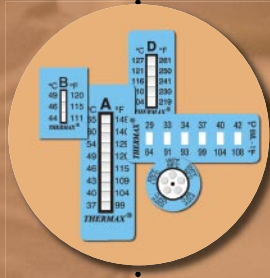




Tempil[®]

An Illinois Tool Works Company

Supply Chain and Process Integrity



Accurate indication. Reliable results.[™]

Better Solutions for Monitoring Supply Chain and Process Integrity

Since 1938, Tempil® has been a leader in the development of innovative and accurate temperature indication technology for multiple markets. Our cost-effective solutions can monitor your supply chain, check critical temperatures in the manufacturing process or ensure a products' performance in the field.

At Tempil, we understand the importance of monitoring and verifying climate conditions in certain temperature specific operations. Our supply chain and process integrity solutions—Tempilabel® and Thermax® – are uniquely designed to deliver accurate and reliable readings consistently in a variety of applications and a variety of environments. Featuring an easy-to-use adhesive backing, our products can be affixed to any surface quickly. And, our Tempilabel and Thermax brands are both available in either the multiple temperature range configurations or single temperature designs to meet your specific measurement needs.

Main Features and Benefits

- Accurate, reliable temperature readings within ± 2 percent of the Fahrenheit rating
- Easy-to-use adhesive backing
- One way color range
- Permanent record for inspection and quality control
- Available from 84°F to 554°F (29°C to 290°C)

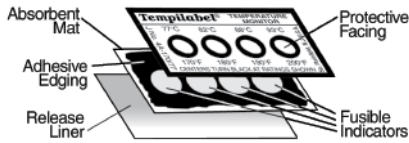




Tempilabel® Irreversible Temperature Indicating Labels

Fast Application. Accurate Results.

Simply remove the adhesive backing, and press label firmly onto a clean dry surface. When the rated temperature is reached, the dot(s) in the middle will change and remain black indicating that the desired temperature has been reached.



- Accurate to $\pm 2\%$ Fahrenheit rating
- Self-adhesive and one-way color change
- Permanent record for inspection and quality control
- Available 10 per box from 84°F to 554°F (29°C to 290°C)

Applications:

Monitor temperatures attained during shipping and storage: medical devices, temperature sensitive materials, drugs, biologicals, film, and disks

Series 4 Tempilabel®

Part No.	°F	°C	°F	°C	°F	°C	°F	°C
TLL-4A100	100°	38°	110°	43°	120°	49°	130°	54°
TLL-4A130	130°	54°	140°	60°	150°	66°	160°	71°
TLL-4A170	170°	77°	180°	82°	190°	88°	200°	93°
TLL-4A190	190°	88°	200°	93°	210°	99°	220°	104°
TLL-4A220	220°	104°	230°	110°	240°	116°	250°	121°
TLL-4A330	330°	166°	340°	171°	350°	177°	360°	182°

Part No.	°F	°C	°F	°C	°F	°C	°F	°C
TLL-4B125	125°	52°	150°	66°	175°	79°	200°	93°
TLL-4B225	225°	107°	250°	121°	275°	135°	300°	149°

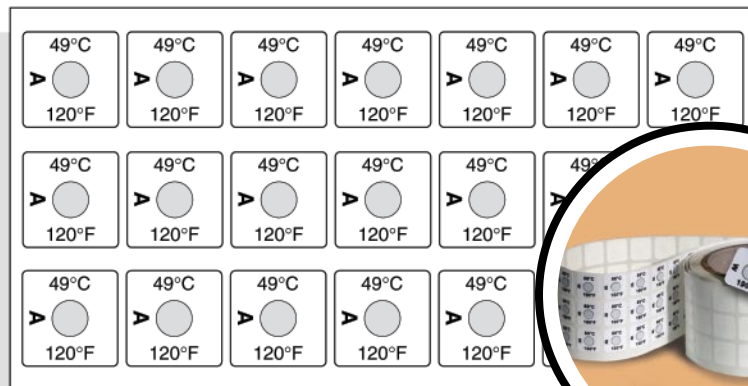
Part No.	°F	°C	°F	°C	°F	°C	°F	°C
TLL-4C100	100°	38°	150°	66°	200°	93°	250°	121°
TLL-4C200	200°	93°	250°	121°	300°	149°	350°	177°

- 4A** - 10°F between each rating
- 4B** - 25°F between each rating
- 4C** - 50°F between each rating

Series 21 Tempilabel®

Size: 0.50" square Unit: Pack of 210 and roll of 1000

Temperature Ranges					
Part No.	°F	°C	Part No.	°F	°C
TLL-21-100	100°	38°	TLL-21-220	220°	104°
TLL-21-110	110°	43°	TLL-21-230	230°	110°
TLL-21-120	120°	49°	TLL-21-240	240°	116°
TLL-21-130	130°	54°	TLL-21-250	250°	121°
TLL-21-140	140°	60°	TLL-21-260	260°	127°
TLL-21-160	160°	71°	TLL-21-270	270°	132°
TLL-21-170	170°	77°	TLL-21-280	280°	138°
TLL-21-180	180°	82°	TLL-21-290	290°	143°
TLL-21-190	190°	88°	TLL-21-300	300°	149°
TLL-21-200	200°	93°	TLL-21-400	400°	204°
TLL-21-210	210°	99°	TLL-21-500	500°	260°

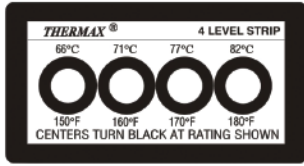


Labels should be stored under dry conditions at ambient temperature.

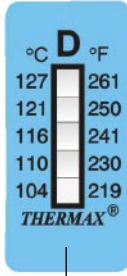
Thermax® Irreversible Temperature Labels



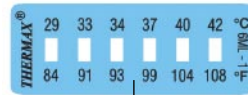
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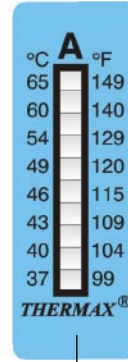
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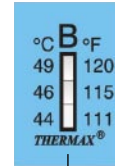
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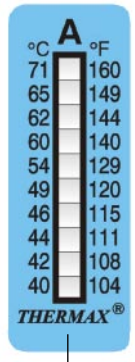
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5



6



7

1. – Thermax® Clock Indicators

Part No.	°F	°C	°F	°C	°F	°C	°F	°C	°F	°C
THE05C-1	104°	40°	109°	43°	115°	46°	120°	49°	129°	54°
THE05C-2	140°	60°	149°	65°	160°	71°	171°	77°	180°	82°
THE05C-3	190°	88°	199°	93°	210°	99°	219°	104°	230°	110°
THE05C-4	241°	116°	250°	121°	261°	127°	270°	132°	280°	138°
THE05C-5	289°	143°	300°	149°	309°	154°	320°	160°	331°	166°
THE05C-6	340°	171°	351°	177°	360°	182°	370°	188°	379°	193°
THE05C-7	390°	199°	399°	204°	410°	210°	421°	216°	435°	224°
THE05C-8	450°	232°	466°	241°	480°	249°	489°	254°	500°	260°

Size: 0.55" dia. Unit: Pack of 10

3. – Thermax® 5 Level Strips

Part No.	°F	°C	°F	°C	°F	°C	°F	°C	°F	°C
THE05S-A	99°	37°	104°	40°	109°	42°	111°	44°	115°	46°
THE05S-B	120°	49°	129°	54°	140°	60°	149°	65°	160°	71°
THE05S-C	171°	77°	180°	82°	190°	88°	199°	93°	210°	99°
THE05S-D	219°	104°	230°	110°	241°	116°	250°	121°	261°	127°
THE05S-E	270°	132°	280°	138°	289°	143°	300°	149°	309°	154°
THE05S-F	320°	160°	331°	166°	340°	171°	351°	177°	360°	182°
THE05S-G	370°	188°	379°	193°	390°	199°	399°	204°	410°	210°
THE05S-H	421°	216°	435°	224°	450°	232°	466°	241°	480°	249°
THE05S-I	480°	249°	489°	254°	500°	260°	536°	280°	554°	290°
THE05S-S	84°	29°	91°	33°	93°	34°	99°	37°	104°	40°

Size: 1.53" L x 0.70" W Unit: Pack of 10

5. – Thermax® 8 Level Strips

Part No.	°F	°C	°F	°C	°F	°C	°F	°C	°F	°C	°F	°C
THE08S-A	99°	37°	104°	40°	109°	43°	115°	46°	120°	49°	129°	54°
THE08S-B	160°	71°	171°	77°	180°	82°	190°	88°	199°	93°	210°	99°
THE08S-C	241°	116°	250°	121°	261°	127°	270°	132°	280°	138°	289°	143°
THE08S-D	320°	160°	331°	166°	340°	171°	351°	177°	360°	182°	370°	188°

Part No.	°F	°C	°F	°C	°F	°C	°F	°C	°F	°C	°F	°C
THE08S-E*	399°	204°	410°	210°	421°	216°	435°	224°	450°	232°	466°	241°
	480°	249°	489°	254°	500°	260°						

* Features 9 Temperatures Size: 2" L x 0.7" W Unit: Pack of 10

7. – Thermax® 10 Level Strips

Part No.	°F	°C	°F	°C	°F	°C	°F	°C	°F	°C	°F	°C	°F	°C
THE10S-A	104°	40°	108°	42°	111°	44°	115°	46°	120°	49°	129°	54°	140°	60°
THE10S-B	171°	77°	180°	82°	190°	88°	199°	93°	210°	99°	219°	104°	230°	110°
THE10S-C	270°	132°	280°	138°	289°	143°	300°	149°	309°	154°	320°	160°	331°	166°
THE10S-D	370°	188°	379°	193°	390°	199°	399°	204°	410°	210°	421°	216°	435°	224°

Size: 2" L x 0.7" W Unit: Pack of 10

2. – Thermax® 4 Level Strips

Part No.	°F	°C	°F	°C	°F	°C	°F	°C
THE04S-A	99°	37°	111°	44°	120°	49°	129°	54°
THE04S-B	140°	60°	149°	65°	160°	71°	171°	77°
THE04S-C	180°	82°	190°	88°	199°	93°	210°	99°
THE04S-D	219°	104°	230°	110°	241°	116°	250°	121°
THE04S-E	261°	127°	270°	132°	280°	138°	289°	143°
THE04S-F	300°	149°	309°	154°	320°	160°	331°	166°
THE04S-G	340°	171°	351°	177°	360°	182°	370°	188°
THE04S-H	379°	193°	390°	199°	399°	204°	410°	210°
THE04S-I	421°	216°	435°	224°	450°	232°	466°	241°
THE04S-J	480°	249°	500°	260°	536°	280°	554°	290°

Size: 0.91" L x 1.77" W Unit: Pack of 10

4. – Thermax® 6 Level Strips

Part No.	°F	°C	°F	°C	°F	°C	°F	°C	°F	°C	°F	°C
THE06S-1	84°	29°	91°	33°	93°	34°	99°	37°	104°	40°	108°	42°
THE06S-2	111°	44°	115°	46°	120°	49°	129°	54°	140°	60°	144°	62°
THE06S-3	149°	65°	160°	71°	171°	77°	180°	82°	190°	88°	199°	93°
THE06S-4	210°	99°	219°	104°	230°	110°	241°	116°	250°	121°	261°	127°
THE06S-5	270°	132°	280°	138°	289°	143°	300°	149°	309°	154°	320°	160°
THE06S-6	331°	166°	340°	171°	351°	177°	360°	182°	370°	188°	379°	193°
THE06S-7	390°	199°	399°	204°	410°	210°	421°	216°	435°	224°	450°	232°
THE06S-8	466°	241°	480°	249°	489°	254°	500°	260°	536°	280°	554°	290°

Size: 0.47" L x 1.26" W Unit: Pack of 10

6. – Thermax® 3 Level Strips

Part No.	°F	°C	°F	°C	°F	°C
THE03S-A	99°	37°	104°	40°	108°	42°
THE03S-B	111°	44°	115°	46°	120°	49°
THE03S-C	129°	54°	140°	60°	149°	65°
THE03S-D	160°	71°	171°	77°	180°	82°
THE03S-E	190°	88°	199°	93°	210°	99°
THE03S-F	219°	104°	230°	110°	241°	116°
THE03S-G	250°	121°	261°	127°	270°	132°
THE03S-H	280°	138°	289°	143°	300°	149°
THE03S-I	309°	154°	320°	160°	331°	166°
THE03S-J	340°	171°	351°	177°	360°	182°
THE03S-K	370°	188°	379°	193°	390°	199°
THE03S-L	399°	204°	410°	210°	421°	216°
THE03S-M	435°	224°	450°	232°	466°	241°
THE03S-N	480°	249°	489°	254°	500°	260°
THE03S-O	500°	260°	536°	280°	554°	290°
THE03S-S	84°	29°	91°	33°	93°	34°

Size: 0.90" L x 0.55" W Unit: Pack of 10

All Labels shown actual size.



2901 Hamilton Blvd. • South Plainfield, NJ 07080 • 800.757.8301 • 908.757.8300
 Fax: 908.757.9273 • www.tempil.com • email: tempil@tempil.com

