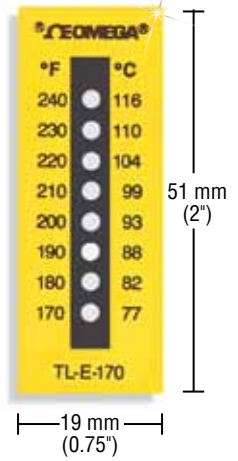# Non-Reversible Labels

TL-E Series

8-Dot Labels (°C/°F)
TL-E labels are the most cost-effective of the TL Series labels. These labels have 8 different temperature ratings on a single label. They come in packages of 10 or 30.

Model No. (Pkg 10)	Temperature Range °C (°F)							
TL-E-105	41 (105)	43 (110)	46 (115)	49 (120)	54 (130)	60 (140)	66 (150)	71(160)
TL-E-170	77 (170)	82 (180)	88 (190)	93 (200)	99 (210)	104 (220)	110 (230)	116 (240)
TL-E-250	121 (250)	127 (260)	132 (270)	138 (280)	143 (290)	149 (300)	154 (310)	160 (320)
TL-E-330	166 (330)	171 (340)	177 (350)	182 (360)	188 (370)	193 (380)	199 (390)	204 (400)
TL-E-410	210 (410)	216 (420)	224 (435)	232 (450)	241 (465)	249 (480)	254 (490)	260 (500)

To order package of 30, add suffix "-30" to model number.
Ordering Example: TL-E-170-30, *8-dot labels, 77 to 116°C (170 to 240°F), package of 30.*

TL-E-170 shown actual size.

51 mm (2")
19 mm (0.75")

TL-C5 Series

5-Dot Round Labels (°C)
TL-C5 labels have 5 temperature ratings in °C scales. Ideal for measuring temperatures in small areas such as electronic applications. They are sold in packages of 10 or 30.

Model No. (Pkg 10)	Temperature-Indicating Levels					
TL-C5-105	°C	40	43	46	49	54
TL-C5-140	°C	60	66	71	77	82
TL-C5-190	°C	88	93	99	104	110
TL-C5-240	°C	116	121	127	132	138
TL-C5-290	°C	143	149	154	160	166
TL-C5-340	°C	171	177	182	188	193
TL-C5-390	°C	199	204	210	216	224
TL-C5-450	°C	232	241	249	254	260

To order package of 30, add suffix "-30" to model number.
Ordering Example: TL-C5-105-30, *5-dot round labels, (40 to 54°C), package of 30.*

15 mm (0.6")

TL-C5-240 shown actual size.

Non-Reversible Labels for Low Temperatures
The TL-CC series are used to control and identify problematic temperature conditions that are experienced in transportation of goods, using a low cost method for instance for medical supplies, or to increase food protection in transit to warehouse or depots. Change of state occurs after a short duration not exceeding five minutes, staining of the white paper (to blue/purple) occurs when the specified rating has been exceeded.

Specifications
Type: Non-reversible indicator, circular, self-adhesive
Size: 32 mm diameter x 6 mm deep (1.25 x 0.23")
Print: 2 colors (blue print onto white background)
Temperature: °F and °C, ±°C accurate

Model No. (Pkg 10)	Description °C (°F)
TL-CC/-17C	-17 (+1)
TL-CC/-8C	-8 (+18)
TL-CC/-5C	-5 (+23)
TL-CC/-2C	-2 (+28)
TL-CC/5C	+5 (+41)
TL-CC/9C	+9 (+48)
TL-CC/17C	+17 (+63)
TL-CC/20C	+20 (+68)

Ordering Example: TL-CC/5C, *5° low temperature label, package of 10.*

32 mm (1.25")

TL-CC/-17C shown actual size.

Triple Level Thermal Disinfection Indicator (TDI)

✔ **Adhesive Backed**
✔ **Attach to Tray/Carrier**
✔ **Remove and Retain as Permanent Record of Temperature Attained**
✔ **Proof for HACCP Compliance Documentation**
✔ **Accurate to ±1°C of Rated Temperature Physical Properties**

TDI is designed to withstand the extreme conditions within an industrial dishwasher and provide permanent proof that a rated temperature has been reached.

Not one, but 3 distinct temperature levels depending upon need. An irreversible color change occurs from white/grey to black; at 65°C (150°F) for standard dish washers, at 71°C (160°F) for a thermal/chemical disinfection and 82°C (180°F) when a thermal disinfection temperature has been reached.

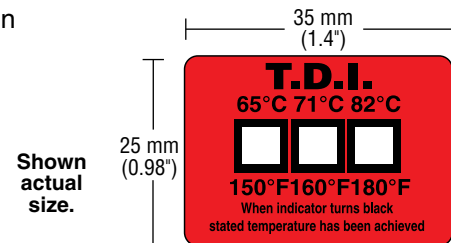### Specifications
Adhesive Type: Acrylic with clear polyester carrier
Covering Film: 50 μm Polyester
Size: 25 x 35 mm (0.98 x 1.4")
Color Change Material: Non-toxic, white crystalline melt material coated on a black absorbent backing
Shelf Life: 12 months from invoice date when stored at room temperature and humidity [i.e. 21°C (70°F) and 50% relative humidity]

Application: Peel label from backing paper. Apply to clean, dry surface; ideally a plate or stainless steel surface in the middle of the dishwasher rack. Ensure the entire indicator is in contact with the surface. Remove indicator while the surface is still warm.

35 mm (1.4")
25 mm (0.98")
Shown actual size.

T.D.I.
65°C 71°C 82°C
150°F 160°F 180°F
When indicator turns black stated temperature has been achieved

Model No.	Description
TL-TI-5	25 labels per pack
TL-TI-3	50 labels per pack