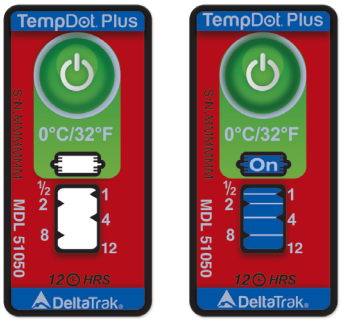
Product Specifications

TempDot® Plus Time-Temperature Label for Ascending Temperature

Threshold Temp	0°C/ 32°F
Stop Temp	-3°C/ 26°F
Cumulative Temp Exposure in Hours	½,1,2,4,8,12
Temperature Accuracy	± 1°C /2°F
Time Accuracy	± 15% in time under isothermal conditions
Chemical Indicator	Blue liquid chemical encapsulated in a blister, Food Chemicals Codex, FDA approved (Title 21), GRAS (Generally Recognized As Safe)
Label Material	Polymeric assembly multilayer, aluminium-plastic laminate, non-toxic, latex & PVC free
Label Size	1.58in x 0.75in x 0.02in (40mm x 19mm x 0.5mm)
Start Button	Blister ~0.1in H (~2.5mm H)
Activation	Pressure with finger, in environment above threshold temperature
Application	Pressure sensitive adhesive backing. Apply to clean, dry surface.
Storage (un-activated)	Ambient room temperature, cool, dark place, away from direct heat source and sunlight. Recommended 72°F(22°C) at 20-80% RH
Shelf Life	3 years when stored as recommended
Moisture Resistance	Splashproof. Not suitable for immersion in water

Item#: 17010045 Model 51056-01

0°C/32°F



Before After

- Low cost label detects ascending temperature excursions
- Serial number on each label for traceability
- Irreversible, single-use time/temperature indicator
- Indicates cumulative exposure above temperature threshold in Degree Hours

How to Use:

The TempDot Plus provides an irreversible visual alert once the temperature ascends above the defined threshold value of the label.

1) Activation of the label must occur above 0°C/32°F. Squeeze the blister on the indicator to activate. Note: if the room temperature is not above 0°C/32°F, the TempDot must be heated above 0°C/32°F.
2) Once the label is activated, the "ON" window will be completely filled with colored dye indicating the label is active. Note: all of the dye in the START button must be squeezed out of the blister to fully activate the label. Labels that are not immediately used after activation need to be stored below the product stop temperature to prevent false indication of temperature abuse.
3) After activation, place the label into an environment that is at or below -3°C/26°F for a minimum of 1 hour.
4) Remove the adhesive liner from the back of the label and adhere it to the product. Note: the product to be monitored must already be below the 0°C/32°F.

DeltaTrak manufactures products under an ISO 9001:2015 registered quality management system

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DeltaTrak®

P.O. Box 398 Pleasanton, CA 94566 USA | p (925) 249-2250 | (800) 962-6776 | f (925) 249-2251 | www.deltatrak.com