

# Mercury Thermometer Replacement Alternatives

Thermometer Description Range / Division	Length		
	Non-Mercury VWR-Enviro-Safe <sup>®</sup>	Non-Mercury Fisherbrand <sup>®</sup>	Non-Mercury Brooklyn Thermometer Company Inc.
<b>Total Immersion</b>			
-200 to 30°C / 1°C	350mm	350mm	356mm
-100 to 100°C / 1.0°C	N/A	N/A	405mm
-100 to 50°C / 1.0 °C	305mm	305mm	305mm
-100 to 60°C / 2.0°C	N/A	N/A	152mm
-50 to 50°C / 1.0°C	305mm	305mm	152mm, 305mm
-40 to 50°C / 0.5 - 1.0°C	N/A	N/A	152mm, 305mm
-35 to 50°C / 1.0°C	N/A	305mm	N/A
-30 to 120°F / 1.0°F	N/A	305mm	N/A
-20 to 110°C / 0.5 - 1.0°C	305mm	305mm	305mm, 356mm
-20 to 150°C / 1.0°C	305mm	305mm	305mm
-15 to 60°C / 1.0°C	N/A	N/A	254mm
-10 to 110°C / 1.0°C	200mm	8in	225mm
-10 to 150°C / 1.0°C	200mm	8in	N/A
-10 to 205°C / 1.0°C	N/A	N/A	381mm
-10 to 210°C / 1.0°C	N/A	355mm	N/A
-10 to 225°C / 1.0°C	355mm	N/A	N/A
-10 to 260°C / 1.0°C	N/A	N/A	381mm
-5 to 55°C / 1.0°C	N/A	N/A	152mm
-5 to 105°C / 1.0°C	N/A	N/A	152mm
0 to 230°F / 2.0°F	200mm, 305mm	305mm	N/A
0 to 300°F / 2.0°F	200mm, 305mm	305mm	N/A
15 to 40°C / 0.5°C	N/A	N/A	152mm
20 to 435°F / 2.0°F	435mm	N/A	N/A
<b>76 mm Immersion</b>			
-100 to 100°C / 1.0°C	N/A	N/A	405mm
-100 to 50°C / 1.0 °C	305mm	305mm	305mm
-50 to 50°C / 1.0°C	305mm	305mm	305mm
-40 to 50°C / 0.5 - 1.0°C	N/A	305mm	152mm, 305mm
-35 to 50°C / 1.0°C	N/A	305mm	N/A
-30 to 120°C / 1.0°C	N/A	305mm	N/A
-20 to 110°C / 0.5 - 1.0°C	305mm	300, 305mm	305mm, 356mm
-20 to 150°C / 1.0°C	305mm	300,305, 325mm	305mm
-15 to 60°C / 1.0°C	N/A	N/A	254mm
-10 to 70°C / 0.5°C	297mm	N/A	N/A
-10 to 110°C / 1.0°C	N/A	N/A	225mm
-10 to 205°C / 1.0°C	N/A	N/A	356mm
-10 to 200°C / 1.0°C	305mm	305mm	N/A
-10 to 210°C / 1.0°C	N/A	380mm	N/A
-10 to 250°C / 1.0°C	N/A	375, 380mm	N/A
-10 to 260°C / 1.0°C	405mm	405mm	381mm
-1 to 51°C / 0.1°C	405mm,460mm	457mm	N/A
-1 to 101°C / 0.1°C	N/A	610mm	N/A
0 to 61 °C / 0.1°C	425mm	N/A	N/A

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	Non-Mercury VWR-Enviro-Safe	Non-Mercury Fisherbrand	Non-Mercury Brooklyn Thermometer Company Inc.
<b>76 mm Immersion Con't.</b>			
0 to 230°F / 2.0°F	305mm	300, 305mm	N/A
0 to 300°F / 2.0°F	305mm	300, 305mm	N/A
20 to 400°F / 2.0°F	N/A	305mm	N/A
20 to 500°F / 2.0°F	355mm,405mm	405mm	N/A
30 to 400°F / 2.0°F	N/A	N/A	N/A
<b>Partial Immersion Range/Immersion/Division</b>			
-100 to 50°C /150mm - 305mm/1.0°C	N/A	380mm - 533mm	N/A
-50 to 50°C / 150mm - 305mm / 1.0°C	N/A	380mm - 533mm	N/A
-20 to 150°C / 25mm - 455mm / 1.0°C	N/A	225mm - 685mm	N/A
-10 to 110°C / 50mm / 1.0°C	200mm	8in	N/A
-10 to 150°C / 50mm / 1.0°C	200mm	8in	N/A
-10 to 250°C / 25mm - 457mm / 1.0°C	N/A	325mm - 762mm	N/A
0 to 230°F/50mm/2°F	200mm	N/A	N/A
0 to 300°F/50mm/2°F	200mm	N/A	N/A
<b>Specialty Thermometers Range/Immersion/Division</b>			
0 to 100°C/ 35mm/1.0°C (heat block)	225mm	N/A	N/A
-30 to 0°C /total/0.5°C (freezer)	135mm	N/A	N/A
-5 to 20°C /total/0.5°C (blood bank)	135mm	N/A	N/A
-5 to 15°C /total/0.5°C (refrigerator)	135mm	N/A	N/A
15 to 50°C /total/0.5°C (incubator)	135mm	N/A	N/A
20 to 130°C /total/1.0°C (oven)	145mm	N/A	N/A
50 to 200°C /total/2.0°C (oven)	145mm	N/A	N/A
20 to 60°C /total/2.0°C (refrigerator)	135mm	N/A	N/A
-90 to 20°C /total/1.0°C (ultra low freezer)	145mm	N/A	N/A

## Notes:

If you must use a mercury thermometer, please Teflon coat the thermometer, which prevents contamination/exposure if the thermometer is broken. Please dispose of your mercury thermometer through Environmental Health and Safety, as you would other hazardous waste.

All thermometers listed above meet accuracy standards from the National Institute of Standard and Technology or the National Committee for Clinical Laboratory Standards. Please contact your vendor for exact information.

**All Information was obtained from the following companies, please call to verify all information. Other mercury free thermometers may be available.**

VWR - Your local campus store can order or call: 415-330-4270 x1175

Fisher Scientific - Your local campus store can order or call: (800) 926-6060

Brooklyn Thermometer Company Inc.: (800) 241-6316