



Thermistor – Laboratory Grade Temperature Standards

U.S. Sensor’s Laboratory Grade NTC Thermistor Temperature Standards are manufactured with ultra high stability thermistor elements. This high accuracy [NTC thermistor temperature probe](#) is provided with an NIST traceable calibration certificate with data points and a Resistance vs. Temperature (R/T) chart in 0.01°C increments. The ultra high stability, precision and inherent ruggedness of this [NTC thermistor probe](#) make it an excellent temperature standard for applications ranging from the metrology laboratory to the factory floor. If a special resistance value or accuracy is required for the [NTC thermistor probe](#), U.S. Sensor application engineers are available to assist with the special [thermistor probe](#) requirements. Please contact engineering@ussensor.com for more information about our [NTC thermistor probes](#).

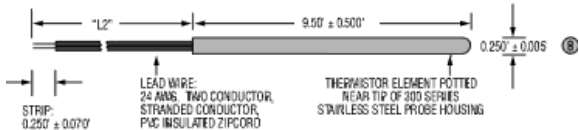


Features for Laboratory Grade Thermistor Probes

- Excellent long term stability • NIST Traceability
- High accuracy
- Durable

Options for Laboratory Grade Thermistor Probes

- Custom temperature ranges
- Probe lengths and styles
- Fahrenheit calibration certificate



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Specifications for Laboratory Grade Thermistor Probe

- Accuracy: ±0.01°C
- Typical Drift: less than 0.01°C per year

CALIBRATED NTC THERMISTOR PROBES					
Part Number	Nominal Resistance Omega @ 25°C	Accuracy °C	Temperature Range °C		
USP3021	10000	0.01	-20	to	70
USP3986	100000	0.01	0	to	105

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[About U. S. Sensor](#)
[Mission Statement](#)
[Newsletter](#)
[Employment Opportunities](#)

Product Guide
[NTC Thermistors](#)
[NTC Probes & Assemblies](#)
[RTD's](#)
[RTD's Probes & Assemblies](#)

Technical Data
[What is a thermistor](#)
[Terminology](#)
[Manufacturing](#)
[Quality](#)

Markets and Applications

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[« Product Guide](#)

[Top^](#)

[« Previous](#) [Next »](#)