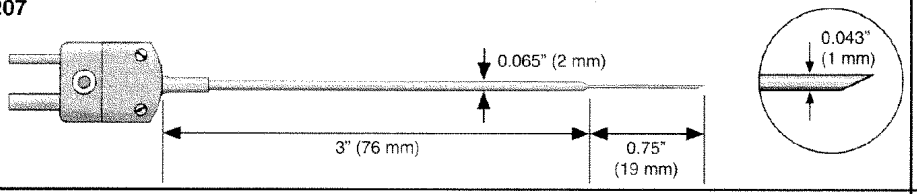
Needle/Immersion Probes The following probes are suitable for temperature measurement applications which require insertion or immersion in liquids, soft or granular materials, and in some cases, semi-solid or frozen materials. Please see individual probe descriptions for recommended usage.

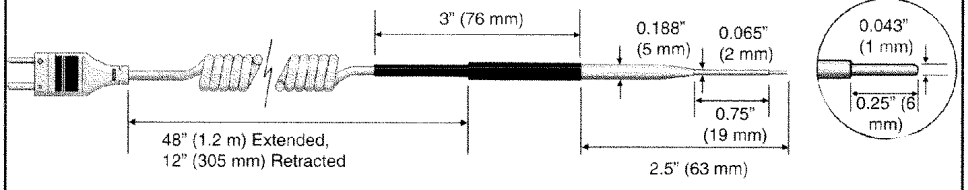
All measurements are stated in inches followed by the metric equivalent in parentheses.

Micro Needle Product Probe - Chisel Tip
50207



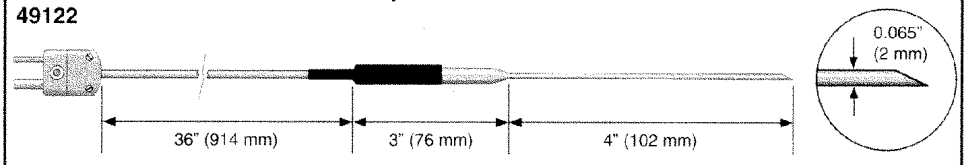
Max Temp Tip: 500°F (260°C)
Response Time: 2 seconds

Ultra Fine Product Probe - Rounded Tip
50209



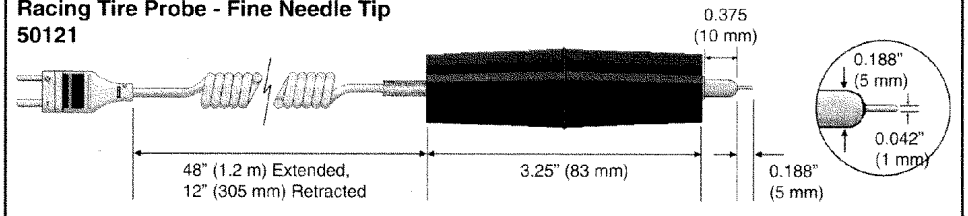
Max Temp Tip: 500°F (260°C)
Max Temp Cable: 176°F (80°C)
Response Time: 2 seconds
Coiled Retractable Cable with PVC Jacket

Ultra Fine Product Probe - Chisel Tip
49122



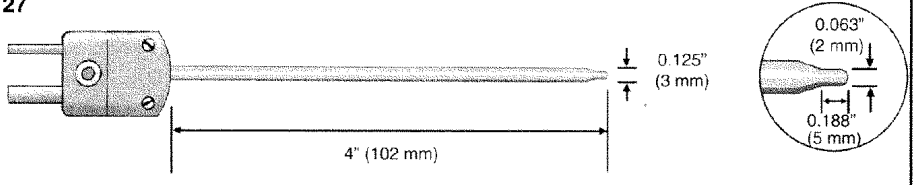
Max Temp Tip: 500°F (260°C)
Max Temp Cable: 221°F (105°C)
Response Time: 2 seconds
Flexible Cable with PVC Jacket

Racing Tire Probe - Fine Needle Tip
50121



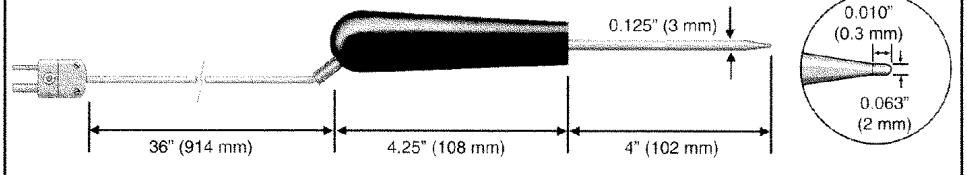
Max Temp Tip: 500°F (260°C)
Max Temp Cable: 176°F (80°C)
Response Time: 2 seconds
Coiled Retractable Cable with PVC Jacket

Plug-In Tip - Reduced Needle
49127



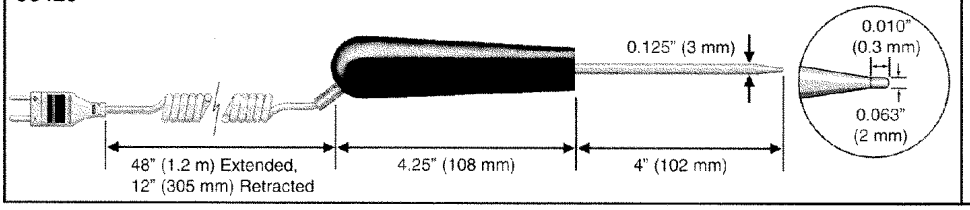
Max Temp Tip: 932°F (500°C)
Response Time: 2 seconds

Reduced Tip Probe - Straight Cable, 4" Stem
49126



Max Temp Tip: 932°F (500°C)
Max Temp Cable: 400°F (205°C)
Response Time: 2 seconds, liquids
Flexible Cable with Teflon® Jacket

Reduced Tip Probe - Coiled Cable, 4" Stem
50426



Max Temp Tip: 932°F (500°C)
Max Temp Cable: 176°F (80°C)
Response Time: 2 seconds, liquids
Coiled Retractable Cable with PVC Jacket

Small Diameter Insertion/ Immersion Probes

Designed to provide the quickest response with minimal impact on the product. Ideal for small products and semi-solid products such as hamburger patties, shrimp, mushrooms, as well as rubber products. Probe tips are delicate and should be used by trained personnel.

Multi-Use Probes with High Temp. Capability

Designed for many insertion and immersion applications where a quick response is needed or high temperatures are being measured such as food, chemicals and melt temperatures for plastic molding. Rugged enough for most personnel.