



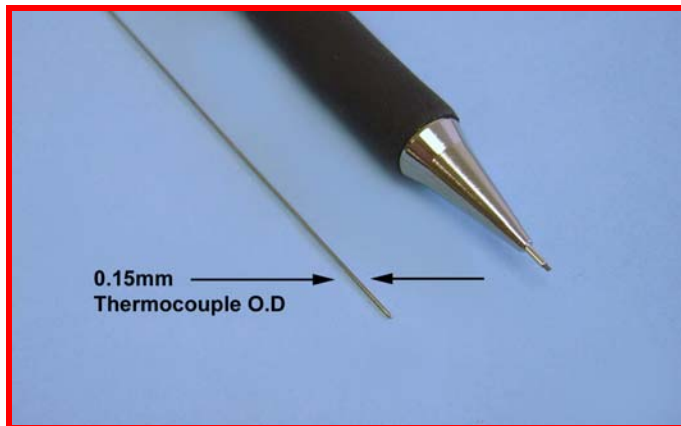
ARI INDUSTRIES, INC

Miniature Temperature Sensors

**Measuring Temperatures in Places Never Possible Now
Becomes Reality**

**Thermocouples Made From Mineral Insulated Cable Are
Now Available With a Sheath Diameter as Small as
0.15mm (0.006") with a 0.002 Second Response Time**

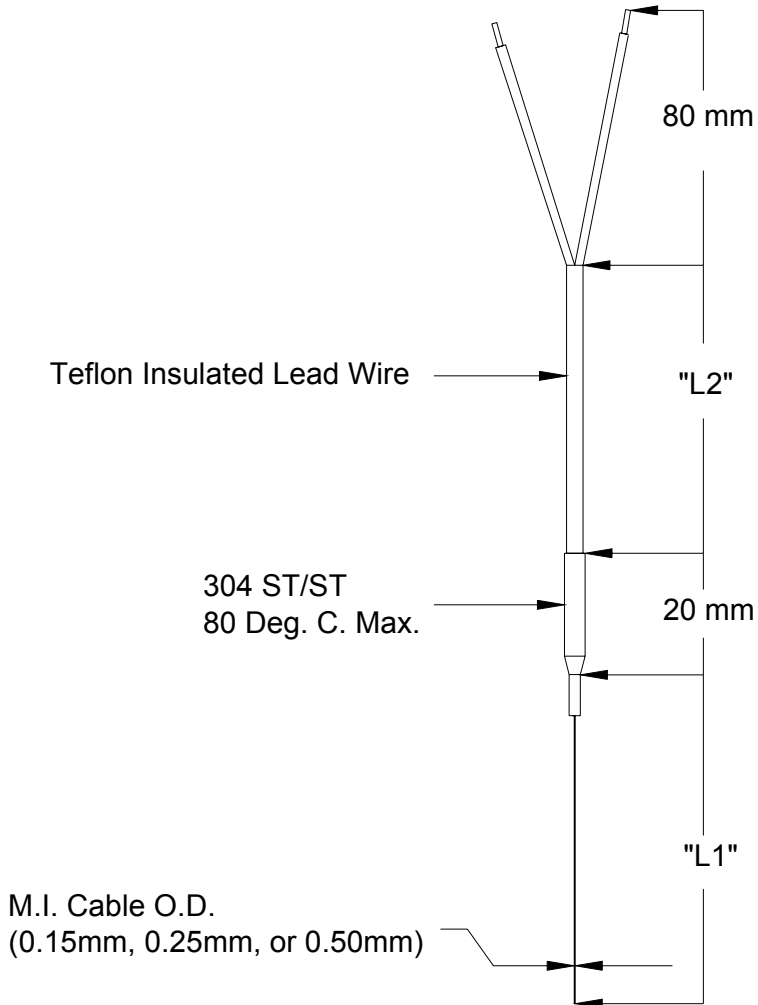
**Excellent for Use in the Medical Industry, for Fuel Cell
Research and a Wide Variety of Other Industrial
Applications**



**Thermocouple Diameters Available
0.15mm (0.006"), 0.25mm (0.010") and 0.50mm (0.020")**

**Visit Our Website www.ARIindustries.com
E-Mail: sales@ARIindustries.com**

DIMENSIONS AND ORDERING INFORMATION



SPECIFICATIONS

Calibration Types

Type "K" or "N" (2 Wire Single Element)
Available in Standard or Special Limits of Error
Per ASTM E-230

Grounded or Ungrounded Measuring Junctions are Available

Sheath Material: NCF600 (Equivalent to Inconel 600)

Extension Leads:

Teflon Insulation Over Each Wire With Teflon Jacket Overall

Electrical Characteristics:

Insulation Resistance: $5M\Omega$ at 25 VDC
Dielectric Strength: 32 VDC

Operating Temperature: 0 to 400°C

Response Time:

From Room Temperature to the Boiling Point of Water (63.2%)

Sheath O.D.	0.15mm (0.006")	0.25mm (0.010")	0.50mm (0.020")
Response Time	≈ 2ms	≈ 6ms	≈ 16ms

Cross Section of Mineral Insulated Cable

