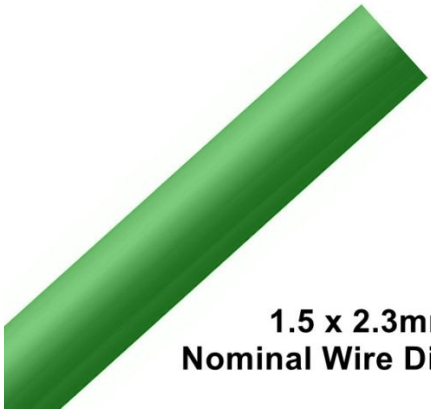
# Hermetically Sealed Wire Thermocouple IEC Type T with Bare Tails Termination - 2M





**Hermetically Sealed Tip**




Labfacility are the UK's leading manufacturer of Temperature Sensors, Thermocouple Connectors and associated Temperature Instrumentation and stockings of Thermocouple Cables. The Company has been trading since 1971 and is ISO9001 accredited.

LABFACILITY
TEMPERATURE & PROCESS TECHNOLOGY

# Datasheet

Hermetically sealed airtight tip

Waterproof & suitable for insertion into liquids

Oil & Chemical resistant PFA insulation

For use in temperatures ranging from -75 to +260 Degree C

Electrically insulated tip tested to 1.0Kv as standard (can be tested at higher voltages)

Flexible 7/0.2mm stranded conductors (24AWG)

1.5 x 2.3mm nominal wire diameter

Available with standard tails or mini thermocouple plug terminations

An IP67 wire thermocouple that is hermetically sealed for use in corrosive or wet environments.

This versatile multi-purpose sensor has been specifically designed for use in and to protect against corrosion in harsh or wet environments. It has a quick response time and can be easily cleaned.

The impermeable PFA insulated flexible wire thermocouple provides exceptional resistance to oils, fluids, gases, and chemicals and is electrically isolated.

The thermocouple tip contains the beaded sensing connection, which is weld-sealed to give a continuous PFA coating along the entire length and provide an atmosphere that is airtight and moisture-proof.

**Typical Applications**

Pharmaceutical, Autoclaves and Sterilisation

Food & Catering

Environmental

R & D, temperature mapping and data acquisition

**Specifications**

## Specifications

| | |
|---|---|
| **Product Code** | XE-6375-001 |
| **General Description** | An IP67 wire thermocouple that is hermetically sealed for use in corrosive or wet environments |

| | |
|---|---|
| **Sensor Type** | Hermetically sealed |
| **Thermocouple Type** | T |
| **Cable Length** | 2M |
| **Cable Type** | PFA Flat Pair insulation |
| **Core / Strands** | 7/0.2mm (24 AWG) |
| **Termination Type** | Miniature flat pin plug colour coded in accordance IEC 584 |
| **Max. Temperature** | 260°C |
| **Min. Temperature** | -75°C |
| **Tolerance** | Class 1 |
| **Standards Met** | IEC-584-3 |
| **IP Rating** | IP67 |
| **Important Information** | Pressure tested at 40 PSI as standard |
| **Series** | Hermetically Sealed |