

## TITLE: Inline Thermocouple for Flow Cell (500384)

### INSTRUCTIONS FOR USE

**Purpose:**

The purpose of this insert is to show how to install an Inline Thermocouple for Flow Cells

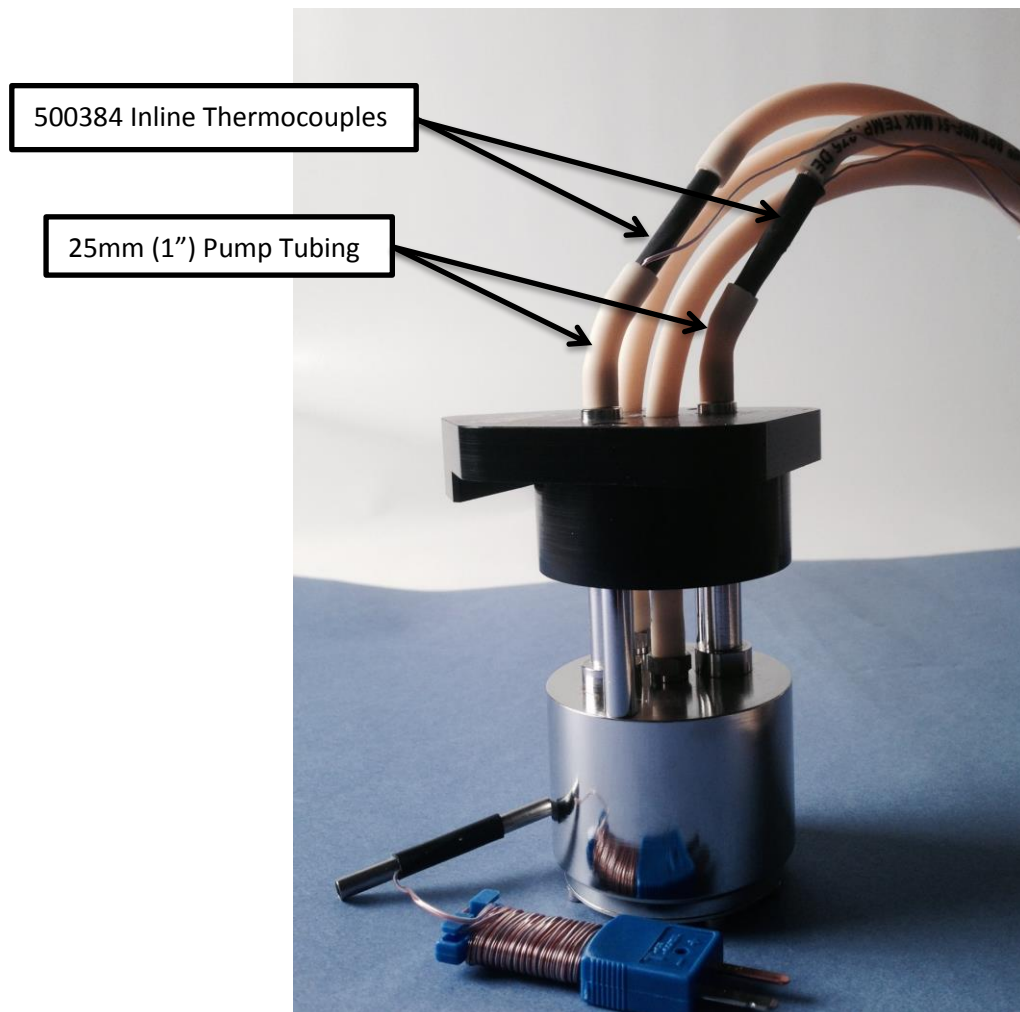


Figure 1 (22ml Flow Vessel Shown for reference)

Cut (2) 25mm (1 inch) long segments of pump tubing. Plug cut tube ends into inlet and outlet of Flow Cell. Plug one end of Thermocouple assembly into each short tube ends. Plug on the other end of Thermocouple lengths of tubing required to go from Flow Vessel to pump and beakers.

Plug end of thermocouple is to plug into thermocouple meter and monitor inlet and outlet temperatures.

## UNIVERSAL PRECAUTIONS



Universal Precautions should be followed on all specimen samples, regardless of whether a sample is known to contain an infectious agent. Laboratories handling specimen samples are advised to comply with applicable parts of the following governmental and clinical standards, or their equivalent in the country of use:

- Centers for Disease Control (CDC), Universal Precautions for Prevention of Transmission of HIV and Other Blood borne Infections, published 1987, updated 1996
- Clinical and Laboratory Standards Institute (CLSI), GP17-A2 Clinical Laboratory Safety; Approved Guideline - Second Edition, published 2004, ISBN 1-56238-530-5
- Clinical and Laboratory Standards Institute (CLSI), M29-A3 Protection of Laboratory Workers from Occupationally Acquired Infections; Approved Guideline, Third Edition, published 2005, ISBN 1-56238-5674
- Occupational Safety and Health Administration (OSHA), 29 CFR 1910.1030 Blood borne Pathogens
- International Standards Organization (ISO) 15190:2003, Medical Laboratories – Requirements for Safety

### ***Storage Conditions Prior to Use***

Inline Thermocouple may be stored at room temperature until employed.

### ***Limitations on in vitro Usage***

Inline Thermocouple are developed, designed, and sold for research use only. They are not to be used for human diagnostic purposes or treatment unless expressly cleared for that purpose by the Food and Drug Administration in the USA or the appropriate regulatory authorities in the country of use.

### ***Product Warranty Guarantee***

Covaris guarantees the performance of all products when used in accordance with our written instruction, under normal operating conditions, and during the expiration period. The user must determine the suitability of the product for its particular use. Should any product fail to perform satisfactorily due to any other reason than misuse, Covaris will replace it free of charge. We reserve the right to change, alter, or modify any product to enhance its performance or design. If a product does not meet your expectations, please contact Covaris Technical Assistance.

### ***Technical Assistance***

On-going assistance with the operation or application of any of our products is provided via:

- Telephone during the hours of 9AM to 5PM, Monday through Friday, (GMT-05:00) Eastern Time (US & Canada) +1 781 932 3959
- E-mail queries to [techsupport@covarisinc.com](mailto:techsupport@covarisinc.com)