

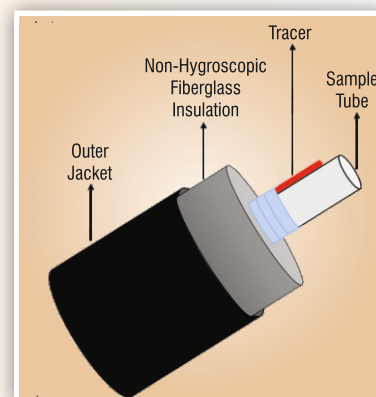


Pre-Insulated Heated Hose

Pre-Insulated Heated Hoses are used for Sample Transportation Applications to Process Analyzer & Emission Monitoring Systems, Anti-Freeze Applications for Instrumentation Impulse Tubes & Hot Melt Applications to feed viscous liquids to applicator system like glue, paint, etc.

Construction

1. Sample Tube (Single / Multi Tubes)
2. Heat Tracer
3. Non-Hygroscopic Fiberglass Insulation
4. Outer Jacket



Features

Standards	Heat Tracer or Heating Cable used in the Heated Hose meets all test requirements as per BS / IEEE / European Standards.
Approvals	Heat Tracers or Heating Cables used are certified for use in hazardous area as per ATEX & EAC, CSIR, PESO.
Efficient	Heat reflective foil on the heating cable and process tube ensures efficient heat transfer.
Ready To Use	Prefabricated with sample line and heating system incorporated is ready to use.
Easy To Install	No need of any fabrication and fixing, ready to use with required connectors and end connections. Since there is no need for any special tools it is easy to install.
Range	Depending on the application and site conditions (viz. temperature, weather conditions, and chemical environment) we can offer various options to match your individual needs.

Technical Specifications

Item Description	Heated Tube Bundle / Hose	Hot Melt Hose
Process Tube	PTFE, Seamless S.S 316 L, commercially available special alloys	SS Braided PTFE
Process Tube Size	Up to ¾" OD	Up to ½" OD
Heating Element	Self-Regulating, Power Limiting, Constant Watt type (Series / Parallel)	Constant Watt type (Series / Parallel)
Thermal Insulation	Fiberglass Wool / Felt Insulation	Silicon Foam & Polyurethane Foam
Outer Jacket	U.V. Resistant Extruded FRLS PVC, Corrugated Flexible PA Conduit	Nylon Braided & Corrugated Flexible PA Conduit
Operating Voltage	230V / 110V AC	230V / 110V AC
Maximum Wattage	Up to 120W/M with 2 Tracers	Up to 200W/m
Max. Operating Temperature	220°C	200°C
Temperature Sensor	In built RTD / Thermocouple / Thermostat	In built RTD / Thermocouple / Thermostat
Process Connection	None	Connector Coupling / Flanged / as per customers requirement
Power/Control Connection	Pre-terminated available on request.	2M of Lead cable (3 wire) for both power and control
Area Approvals	Safe & Hazardous area approvals available (ATEX, EAC)	Safe area only