

Flexotherm® Heated Sample Lines

Key Features:

Flexotherm® Heated Emission Sample Lines are tough enough to endure life in a test cell.

Heating elements are made of high-grade heat-conducting alloys

Stainless Steel braid provides outstanding resistance to heat, pressure, pulsing, flexing and vibration.

Zero Cold-Spot Construction.

Innovative Re-tube Design.

All Flexotherm heated products are backed by a 2-year Limited Warranty.

Flexotherm® Heated Lines are designed for extreme conditions

Flexotherm® manufactures heated hoses expressly for use in the chemical analysis of exhaust gases.

Our hoses are designed to be tough enough to endure the rigors of life in a test cell.

Emission Analysis Hoses are designed with the following features:

- ◆ High performance insulation and pressure tested hose cores.
- ◆ Indestructible hose-end cap.
- ◆ Heating elements are made of high grade heat conducting alloys.
- ◆ Extreme flexibility in any temperature conditions.
- ◆ Sample cores available in PFA and PTFE Teflon.



- ◆ Optional 316 / Electro-polished Stainless Steel.
- ◆ Inner tubes in PFA Teflon™ or 316 Stainless Steel
- ◆ Stainless steel braid provides outstanding resistance to heat, pressure, pulsing, flexing and vibration.
- ◆ The positive braid lock ensures that strain is absorbed by the braid and not the hose.
- ◆ Rapid access to electrical terminals and tube junctions



- ◆ Innovative Re-tube design for quick repair on damaged or contaminated sample core
- ◆ Zero Cold-Spot Construction
- ◆ Customer specified temperature sensors and temperature range
- ◆ Six types of outer casings
- ◆ Variety of operational voltages
- ◆ Choice of sample tube diameters
- ◆ Temperature data profiles on GA hoses
- ◆ Flexotherm produces high quality specialty heated hoses, replacement hoses, and custom designed heated products built to exacting standards.



Flexotherm® Heated Emissions Sample Lines

GA Series	GT Series	GD Series
<ul style="list-style-type: none"> √ 200° C Continuous Operation √ Meets CFR Specifications for Vehicle Certification √ Temperature Data Profiles Available 	<ul style="list-style-type: none"> √ 200° C Continuous Operation √ Economical Alternative to GA Series 	<ul style="list-style-type: none"> √ 125° C Continuous Operation √ Designed for maintaining samples above dewpoint.

Warranty

All of our quality heated products are backed by a limited Two-Year Warranty



- ◆ Full Coverage on repairs caused by defects in workmanship
- ◆ Quick turn-around time on repairs
- ◆ Phone support during repair process.
- ◆ Repaired on-site whenever possible to minimize downtime.

About Us

Flexotherm® is a division of Neptech, Inc.— manufacturer of quality heated products since 1994. Our mission is to partner with industry leading companies to harness technologies that help reduce emissions and meet corporate, government and EPA standards.

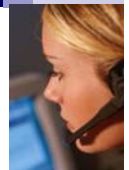
We have built a quality reputation for consistently delivering innovative and cost-effective solutions that benefit the bottom line.

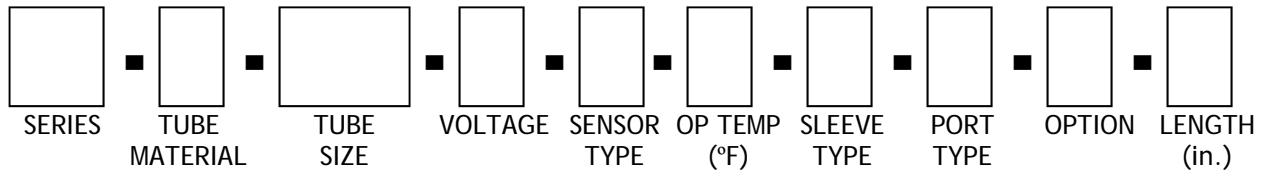
Our multi-faceted engineering, design and manufacturing capabilities enable us to provide a complete array of products and services to R&D facilities and OEMs worldwide.

Contact Us

If you have any questions or need additional information, please call (810) 225-2222

Or visit our website: www.Flexotherm.net





Series	GA—Designed to CFR Specification. Operates at 200°C +/- 11°C. GT—Operates at 200°C +/- 10°C. Not rated to CFR spec. GD—Operates at 125°C. Cannot provide profile data. GS—Designed to Customer Supplied Specifications.
Tube Material	P—PFA Teflon E—PTFE Teflon S—316 Stainless Steel EPS— Electro-polished Stainless Steel CS—Corrugated Stainless Steel
Tube Size	4/2 1/4" O.D. X 1/8" I.D. 4/3 1/4" O.D. X 3/16" I.D. 6/4 3/8" O.D. X 1/4" I.D. 6/5 3/8" O.D. X 5/16" I.D. C Customer Supplied Spec.
Voltage	A—120 VAC B—208 VAC C—240 VAC D—12VDC
Sensor Type	J—J-Type Thermocouple K—K Type Thermocouple R—RTD E—E-Type Thermocouple
Operational Temperature	Specify in Degrees _____
Exterior Sleeve Type	G—Gray Mesh M—Black Mesh A—Aluminized Silicone S—Rust-Red Silicone
Port Type	MX—Mex (Specify size, length, etc) 4S—1/4" Tube Stub 6S—3/8" Tube Stub 8MS— 8mm Tube Stub
Options	T—Temperature Data Profile E—Electrical Connector on lead (Specify in Quote Request) W—Feed-Thru Wires SL—Slaved
Length	Specify in Inches