

## Flexotherm<sup>®</sup> Heated Sample Lines

### Key Features:

Flexotherm<sup>®</sup> 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

### Flexotherm<sup>®</sup> Heated Lines are designed for extreme conditions

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

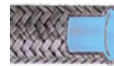
Our hoses are designed to be tough enough to endure the rigors of life in a test cell.

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 and GT series hoses
- ♦ Flexotherm produces high quality specialty heated hoses, replacement hoses, and custom designed heated products built to exacting standards.



### Flexotherm<sup>®</sup> Heated Emissions Sample Lines

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

## 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<sup>®</sup> 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.

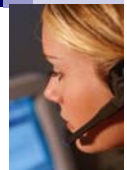
We have built a quality reputation for consistently delivering innovative and cost-effective solutions that benefit the bottom line.

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

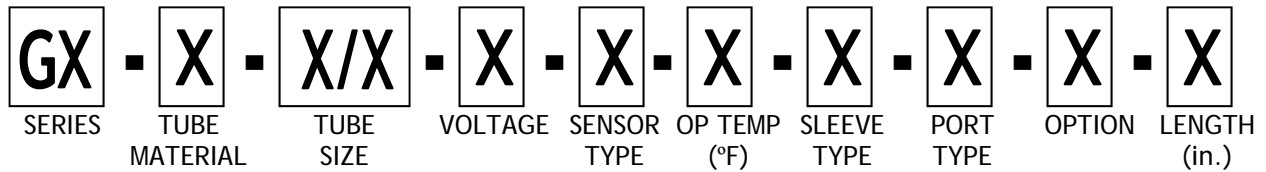
Or visit our website: [www.Flexotherm.net](http://www.Flexotherm.net)



# FLEXOTHERM<sup>(R)</sup>

A Division of Neptech Inc.

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[www.Neptechinc.com](http://www.Neptechinc.com) [www.FLEXOTHERM.net](http://www.FLEXOTHERM.net)



<b>Series</b>	GA—Designed to CFR Specification. Operates at 200°C +/- 6°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.
<b>Tube Material</b>	P—PFA Teflon E—PTFE Teflon S—316 Stainless Steel
<b>Tube Size</b>	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.
<b>Voltage</b>	A—120 VAC B—208 VAC C—240 VAC
<b>Sensor Type</b>	J—J-Type Thermocouple K—K Type Thermocouple R—RTD
<b>Operational Temperature</b>	Specify in Degrees F
<b>Exterior Sleeve Type</b>	G—Gray Mesh M—Black Mesh A—Aluminized Silicone S—Rust-Red Silicone
<b>Port Type</b>	MX    Mexa (Specify size, length, etc) 4S    1/4" Tube Stub 6S    3/8" Tube Stub
<b>Options</b>	T—Temperature Data Profile E—Electrical Connector on lead (Specify in Quote Request) W—Feed-Thru Wires
<b>Length</b>	Specify in Inches