



DESIGN GUIDE

Construction

Flexible PTFE (Teflon®) hose in a range of lengths and diameters

Kapton® heater to 135°C in standard configuration

Outer insulation jacket for fast ramp-up and heat retention

RTDs, Thermistors and Thermocouples available

Leads available of Teflon®, PVC or Silicone

Applications

3D Printers

Wax Dispensers

Medical and Lab Equipment

Packaging and Plastics

Gas Delivery

Contact Heatron for design options beyond the ranges specified.

Flexible Heated Hose

Precisely controlled heat keeps fluids flowing smoothly.

Heatron initially designed the Constant Flow heated hose for the 3D Printing industry, but its reliable heating of high-viscosity fluids has found applications in packaging, medical and industrial applications.

Constant Flow features a Kapton® heater wrapped around a flexible Teflon® tube at precise intervals. An optional Kevlar® sheath insulates the tube and protects workers.

This specialized heated tubing delivers fast ramp-up and precise heat control.

A range of RTDs, thermistors and thermocouples are available. Optional Swage-Lok® connectors at each end can withstand constant motion.

Performance outside of the standard configuration is possible with custom design.

Consider Constant Flow for your next solution when precise temperature control plus durability are required.

Contact Heatron today to talk to an engineer about your project needs.



Optional insulation jacket protects workers and other components from heat while in motion.



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