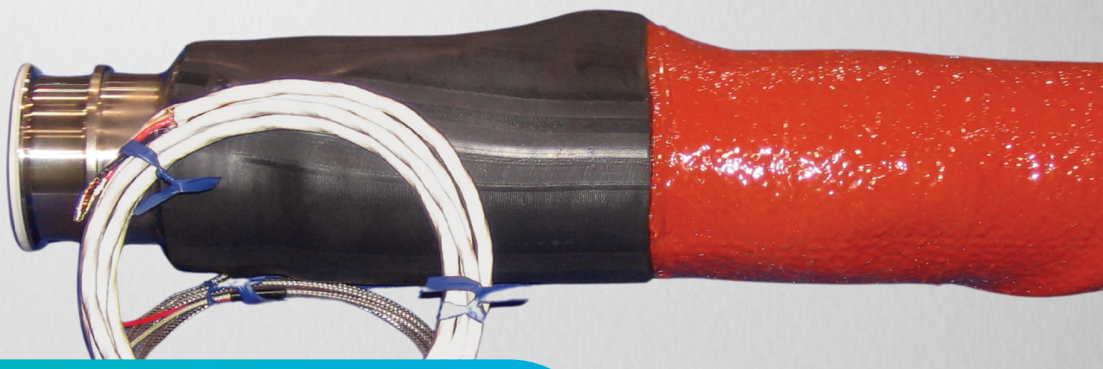
VERSILON®
Engineered Versatility



Versilon® EHH Hose

ELECTRICALLY HEATED HOSE

Saint-Gobain's Versilon® EHH electrically heated hose is designed for use in applications where the temperature of the process fluid entering the hose assembly must be maintained as it passes through the hose. This is usually required to prevent solidification or to change the fluid viscosity.

Versilon® EHH electrically heated hose is available on a built to order basis on virtually all Versilon hose assemblies manufactured by Saint-Gobain. The electrically heated trace feature is designed for maintaining internal temperature of conveyed materials regardless of hose installation up to a maximum temperature of +250°F (+121°) but not for increasing temperature.

Typical Applications

- Hot glues
- Filling machines
- Food casings
- Food processing machines
- Food lines
- Hot waxes
- Pharmaceutical
- Cosmetics
- Outdoor applications where temperature must be maintained

Features and Benefits

- Can be used with flexible stainless steel braided Versilon® TS/WCS/TWOB series hose assemblies
  - *Consult factory for availability of EHH option with other Versilon hose assemblies*
- Small outside diameter eliminates bulky hose
- External temperature controller available
- Custom fabrication available
- Variety of end fittings available
- Hose construction materials FDA approved

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INDUSTRIAL & CONSUMER SOLUTIONS

Making a material impact around the world.

Versilon® EHH Hose

Construction

- Available on a "built-to-order" basis on virtually all Versilon® hose assemblies
- 115VAC or 220VAC
- J or K thermocouples available
- Resistance Temperature Detectors (RTD) available
- A wide variety of external protection available
  - Silicone
  - FEP heat shrink
  - Silicone/fiberglass firesleeve
  - Stainless steel anti-kink casing
  - Polypropylene braided
  - PVDF braided chafe guards

Heating Element

- Chromalox SRM/E self-regulating medium temperature cable.
- Twin 20 AWG copper buss wires (14 AWG optional)
- Semiconductive polymer core matrix
- High temperature fluoropolymer jacket
- Metallic braid
- High temperature fluoropolymer overjacket (optional)
- Standard operating temperature rating: 200°F (93°C)
- Special applications to 250°F (121°C)
- Cable is rated for exposure temperatures to 375°F (191°C)

Wire Termination

- Two wire/thermocouple crimp connection sealed under a heavy duty PVC seal with heat activated sealer
- 16 AWG 5 ft. SJOW cord, power cable and thermocouple, 5 ft. length. Longer lengths available upon request

Thermocouple Type "J"

- 5 ft. lead with armor braid standard
- 100 OHM, 3 wire RTD with 6 ft. silicone leads available (optional)

Insulation

- Fiberglass, woven mat, silicone covered
- One layer for applications up to 200°F (93°C)
- Two layers for applications from 201°F (94°C) to 250°F (121°C)

End Seals

- Heat shrink
- PVC (heavy wall)
- Heat activated sealer

Optional Controller Unit

- Digital read-out
- 4 digit display
- NEMA 4X face plate

www.ics.saint-gobain.com

SAINT-GOBAIN

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NAHAD
THE ASSOCIATION FOR HOSE AND ACCESSORIES DISTRIBUTION

NOTE: The data and details given in this document are correct and up to date. This document is intended to provide information about the product and possible applications. This document is not the product specification and does not provide specific features, nor does it guarantee product performance in specific applications. Saint-Gobain cannot anticipate or control the conditions of the field and for this reason strongly recommends that practical tests are conducted to ensure that the product meets the requirements of a specific application.