



## Versilon™ EHH Electrically Heated Hose

Saint-Gobain Performance Plastics' 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.

### 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

### Typical Applications

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

## 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

Limited Warranty: For a period of 6 months from the date of first sale, Saint-Gobain Performance Plastics Corporation warrants this product(s) to be free from defects in manufacturing. Our only obligation will be to provide replacement product for any portion proving defective, or at our option, to refund the purchase price thereof. User assumes all other risks, if any, including the risk of injury, loss or damage, whether direct or consequential, arising out of the use, misuse, or inability to use this product(s). SAINT-GOBAIN DISCLAIMS ANY AND ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.



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