

# Introducing **ASSURANT<sup>®</sup> HT**

## The High-Temperature Solution for Exhaust Line Heating

As advanced chemistries and applications in semiconductor tools are introduced, the potential for clogged abatement lines increases and becomes more challenging to mitigate. Higher temperatures are required to negate this problem and keep your equipment up and running at peak capacity. Watlow's new **ASSURANT<sup>®</sup> HT** cloth-type heaters offer a highly effective solution for eliminating clogging and fouling of abatement lines. **ASSURANT HT** provides increased temperature capability up to 350°C, making it the perfect solution for the most demanding applications.



### Features and Benefits

#### Glass-based technology

- Increased operating temperature up to 350°C

#### Semi-rated

- Provides an industry-recognized solution

#### Compatible with all current Watlow<sup>®</sup> controllers

- Offers a true plug-and-play solution for easy integration with existing equipment

#### Industry-leading construction

- Eliminates clogging and fouling issues for uninterrupted production

Whether you are experiencing clogging issues on existing equipment or looking to bring new equipment up to full capacity quickly and efficiently, **ASSURANT HT** is an ideal high-temperature solution.

At Watlow, our extensive experience within the semiconductor industry has led to a broad portfolio of innovative breakthrough products that have been thoroughly tested and proven. You can be confident that our advanced products simply perform better.

For more information on **ASSURANT HT** and other thermal management solutions from Watlow, visit our website or contact a Watlow sales representative today.

## Specifications

### Operating Temperature

- Recommended operating temperature up to 350°C (662°F)
- Maximum operating temperature up to 450°C (842°F)

### Agency Approvals *(Pending)*

- UL®
- CE
- UKCA
- SEMI S2

### Standard Connectors

- 4-PIN AMP CPC

### Integrated Sensor for Control/ Limit (Optional)

- Type K thermocouple

### Voltage

- 120, 208 or 240V standard, other voltages available

### Fastener

- Hook and loop

### Inner Jacket Material

- High temperature fabric

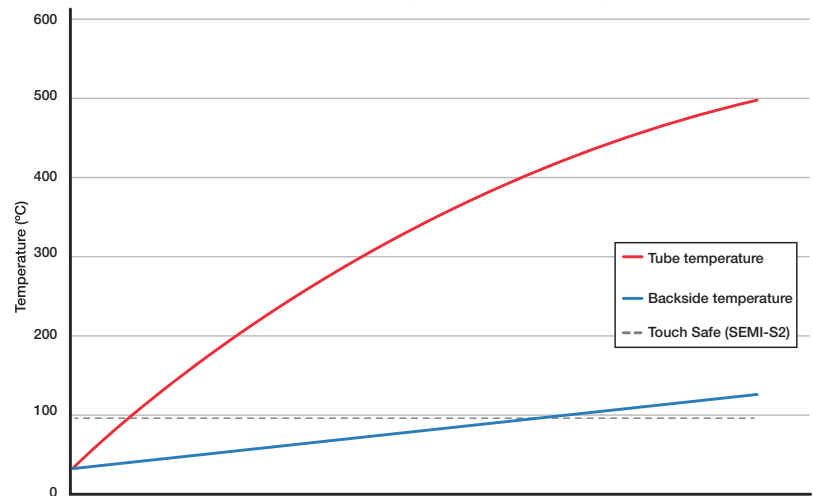
### Outer Jacket Material

- PTFE coated fabric

### Dimensions

- Available for pipe sizes ¼" to 8" (6.3 to 203 mm) diameter. For other sizes contact your Watlow representative.

Tube Temperature vs. Jacket Backside Temperature  
ASSURANT HT - 1" Insulation  
(Data collected at steady state with boundary heat)



**Note:** The data in the charts above represent nominal values derived from a test environment. Please consult a Watlow sales engineer to discuss your particular application.

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*Contact your Watlow representative for more information*

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