1051 Rohlwing Road, Unit C
Rolling Meadows, IL 60008
Ph. 847-398-8600 fx. 847-398-8608
itp@industrialthermo.com
www.industrialthermo.com

Flexible Tubular Heater

- Easy installation with a uniform finish
- Can be formed by hand
- Stored in a straight condition to save storage space
- No special installation tools required
- Patented technology ensures industry leading heat transfer
- Up to 75% sheath contact with round and square hotflex heaters when recommended groove geometry is followed
- Rapid heat-up times
- Minimal temperature difference between heater sheath and heated tool
- 3-dimensional groove geometry possible
- Industry's smallest bending radius
- Flexibility enables heat to be located where it is needed; an improvement over rigid cartridge heaters
- Reduced energy costs: tool mass can be reduced

Ceramic terminal connector
"plug'n heat"
Heat resistant up to 230 C in continuous operation (max. up to 280 C).
Only for 8.5

standard: threaded pins M2.5

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Diameter: 6.5 +/-0.1 mm

- Sheath material: stainless steel
- Sheath temperature of heating element: max. 700 C
- Connection voltage: max. 250 V, standard: 230 V
- Wattage tolerance: +/-10%
- High voltage resistance (cold): 1,000 V-AC in straight condition
- Insulation resistance (cold): 5 M at 500 V-DC
- Leakage current (cold): 0.5 mA at 253 V-AC
- Max. total length straight: 1,500 mm
- Extension factors: By bending and fitting the heater becomes slightly longer. This extension is reproducible. You will find a calculation program for the extension factor on www.hotset.de
- Sheath surface load: max. 10 W/cm2 according to application (depending on heated length)
- Minimum bending radius: Rmin = 6.5 mm (internal)
- Connection options: M 2.5 with set of nuts and washers made of stainless steel.

Diameter: 8.0 +/-0.1 mm

- Sheath material: Stainless Steel. Sheath temperature of heating element: Max. 700 C.
- Voltage: 240 V.
- Power tolerance (cold) +/- 10 %.
- High voltage strength (cold) in straight condition: 1000 V-AC.
- Insulation resistance (cold) at 500 V-DC 5 M ohms
- Leakage current (cold) at 253 V-AC 0,5 mA
- Max. length straight 2600 mm.
- Length tolerance straight: +/- 1,5 %
- Sheath surface load: Max. 15 W/cm2 (according to application).
- Minimum bending radius (internal): R = 10 mm.
- Unheated zones: Min. 30 mm/30 mm +/- 5 mm.
- Not bendable zones: Min. 35 mm/35 mm.
- Connection options: M4 with set of nuts and washers made of stainless steel.

Diameter: 8.5 +/-0.1 mm

- Diameter: 8.5 +/-0.1 mm, 8.0 +/-0.1 mm resp. 8.2 +/-0.1 mm on option.
- Sheath material: stainless steel
- Sheath temperature of heating element: max. 700 C
- Connection voltage: max. 250 V, standard: 230 V
- Wattage tolerance: +/-10%
- High voltage resistance (cold): 1,000 V-AC in straight condition
- Insulation resistance (cold): 5 M at 500 V-DC
- Leakage current (cold): 0.5 mA at 253 V-AC
- Max. total length straight: 2,600 mm
- Extension factors by bending and fitting the heater becomes slightly longer. This extension is reproducible. You will find a calculation program for the extension factor on www.hotset.de
- Sheath surface load: max. 15 W/cm2 according to application (depending on heated length)
- Minimum bending radius: Rmin = 10 mm (internal)
- Connection options: M 2.5 with set of nuts and washers made of stainless steel.