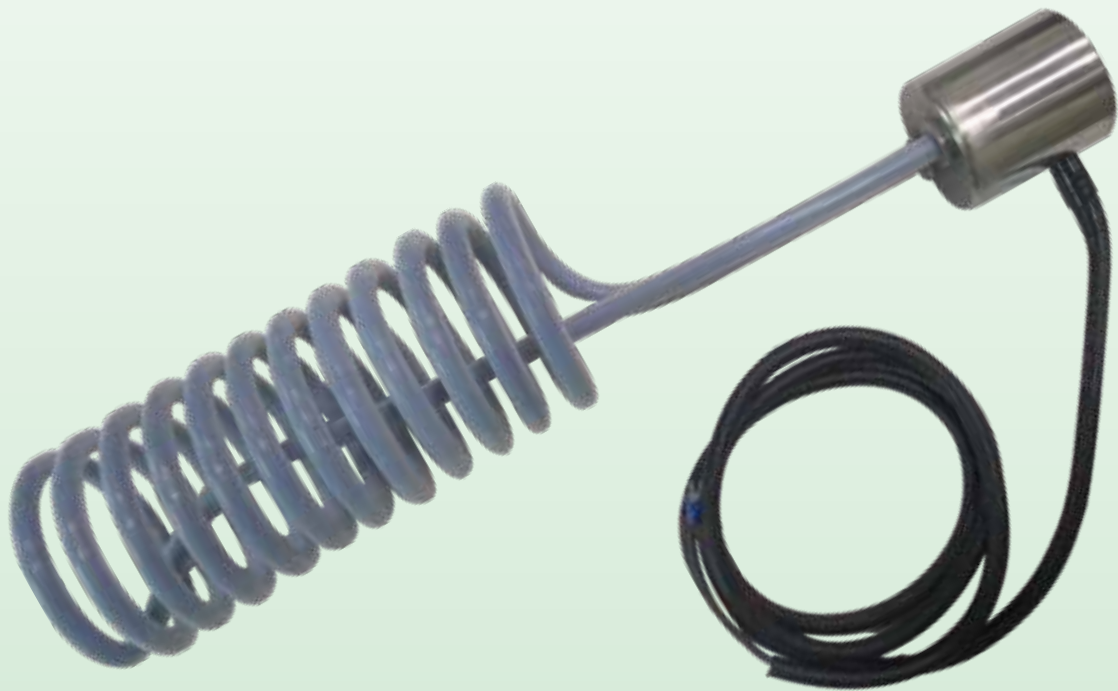


PTFE TUBULAR HEATERS

for industrial chemical applications



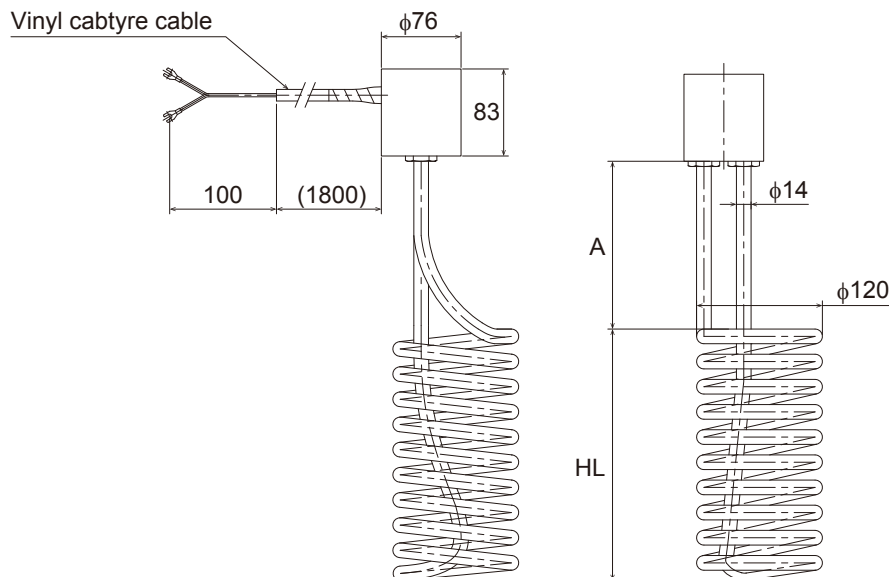
- Rapid heating is enabled by direct heating of the solvent or other liquid.
- The PTFE covering of heating elements minimizes corrosion.
- Heater dimensions are fully customizable to meet the customer's demands.

* For details, contact our sales representative.

Features

- Direct heating is possible by putting in acid or alkali solvents.
- PTFE tube prevents the solvent from penetrating into the heater elements and causing deterioration.
- Excellent temperature-rise properties can be obtained by using a temperature controller together.

Shape



Specifications

Voltage (V)	Watts (W)	Dimensions (mm)		Max. operating temperature (°C)	Terminal box material	Cable specifications	Product code
		A	HL				
220	1000	120	180	90	SUS304	Vinyl cabtyre cable (70°C) 2-core × 2.5 sq × 1.8 m	PTFENH-1
220	2000	160	240	90	SUS304	Vinyl cabtyre cable (70°C) 2-core × 2.5 sq × 1.8 m	PTFENH-2
220	2800	200	300	90	SUS304	Vinyl cabtyre cable (70°C) 2-core × 2.5 sq × 1.8 m	PTFENH-3

Precautions for use

- Never power on the heater without liquid. Failure to observe this may result in breakage of heater elements or insulation failure because of the solvent penetrating into the tube through pin holes caused by melting, deterioration or deformation of the tube due to heat. Emission of fluorine gas or fire may also occur.
- Do not take the heater out of the liquid for at least 30 minutes after the power is turned off. Failure to observe this may cause the same failure as described above.
- Keep the heating portion away from the side wall or bottom of the tank.
- The terminal box does not have a waterproof design. Do not submerge it in water.
- Do not heat any flammable liquid or petroleum solvent.



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