

INSULATION CLASS II

TUBULAR HEATING ELEMENTS WITH INTEGRATED REGULATION FOR IMMERSION HEATING

BACKER

Description

We offer double insulated tubular heating elements with a variety of different options for regulation and thermal protection. If desired you also receive guiding to the optimal heating solution for your product application.

Technical specification

Material	AISI 304/EN 1.4541 Ø 14 mm AISI 304/EN 1.4301 Ø 16 mm Steel DIN 2394
Dimension	Ø 14, 16 mm Element length 250–2100 mm Inactive length 35–135 mm, depending on the choice of thermo regulation
Fixing device	Nipple M18 x 1.5, G ½", G 1, Pr 18.6 Other dimensions on request
Connection	Cable, tab terminal or round pin, 1.5 or 1.6 mm Sealing "VO"-classified available
Design	One side connection
Power	300–2000 W
Voltage	Max 480 V
Surface load	3–5 W/cm ²
Safety	The elements meet requirements acc. to EN 60335-1
Options	Electronic control box with quick connection Built-in thermostat 70–150°C Meltfuse Built-in thermistor (NTC) Pocket tube for thermostat

Tubular Elements

BENEFITS

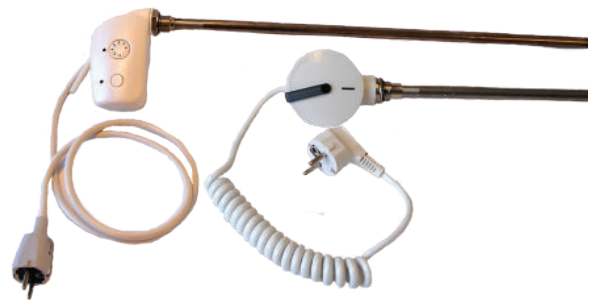
- Integrated temperature regulation
- Integrated thermal protector
- Double insulated
- Quick connection

FIELDS OF APPLICATION

- Towel dryers
- Liquid-filled radiators
- Other liquid heating
- Heating systems for trolley busses



Double insulated heating elements with quick connection



Elements connected to electronic control box



Examples of connections



Built-in thermostat and meltfuse



Towel dryer