

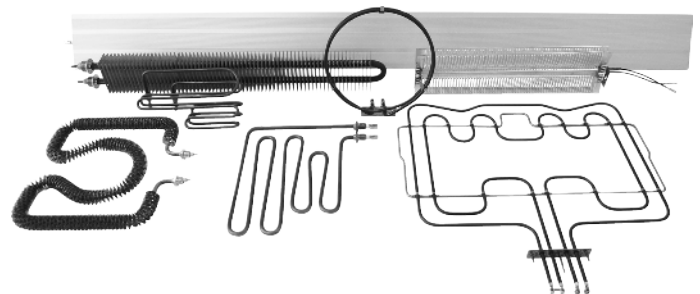
# TUBULAR AIR HEATING ELEMENTS

For air heating and radiation heating Backer tubular element are the most popular alternative. Backer manages a large number of production techniques, giving a choice within a wide range of element types. An optimal heat solution of an application is decided by user environment and operating temperature. Backer for example can supply element with an operating temperature of as much as 900°C.

BACKER



Type of heating	Tubular heating elements Finned elements Fin strip elements Cast-in elements Aluminium elements	Assembly	Fixing in the object with flange/nipple
Material	Mild steel - Grade D Stainless steel: AISI 304/EN 1.4301, AISI 316L/EN 1.4404 Incoloy 800 R 323 Ferritic stainless steel: 1.4510 1.4512 1.4521 Aluminium	Connection	M4, M6, flat pin, spot welded cable, round pin 2.5 mm
Dimension	Ø 6.4 8.5 14 16 18 21 mm Other dimensions available upon request	Types	One, two alt. three wattage ratings/element Connection at one or two ends According to customer specification Can be manufactured with UL, VDE approval
Fields of application	Radiators/convectors Ovens, grills, frying tables IR-heaters Hot-air curtains Sterilization equipment		



Example of product design