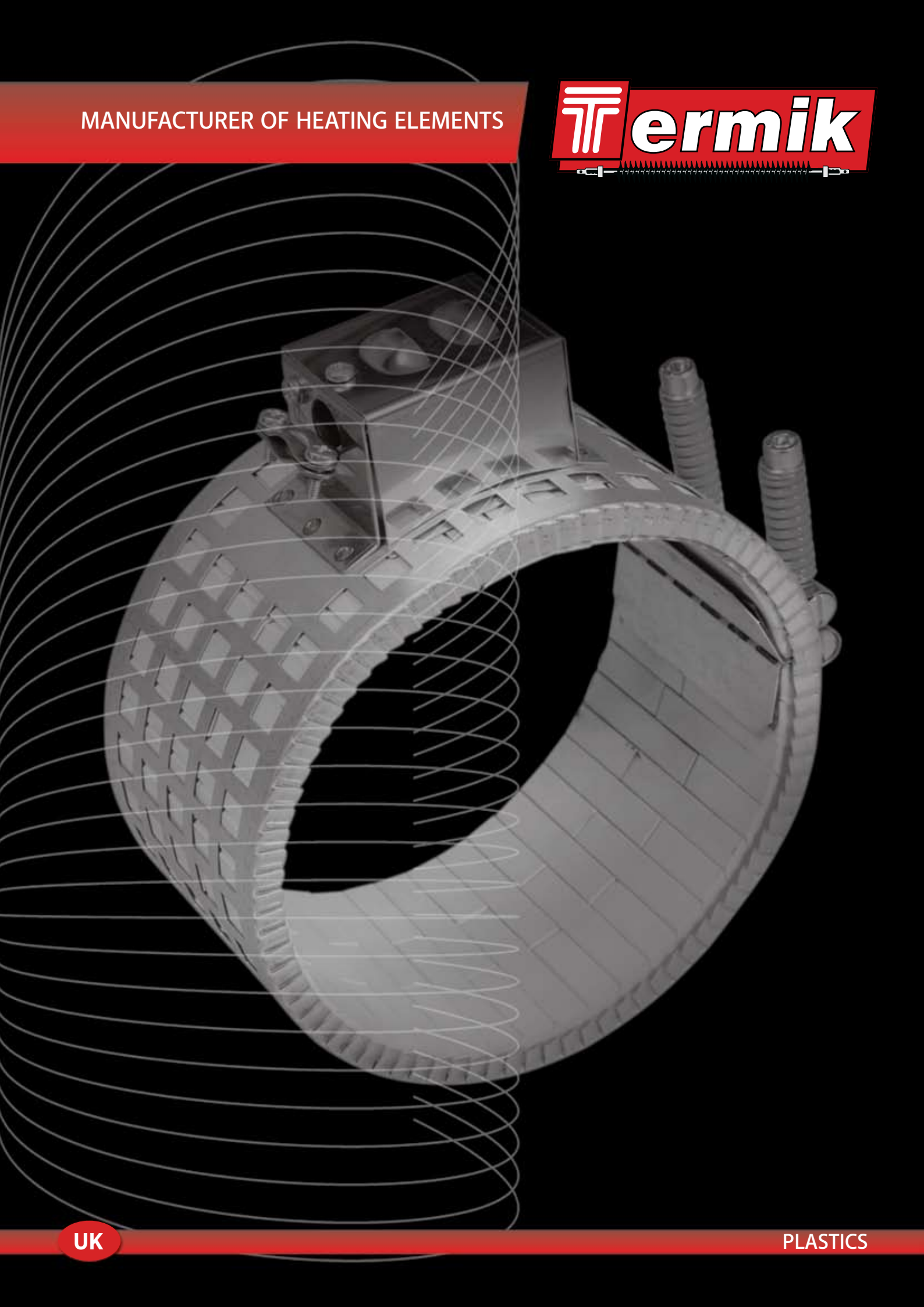


MANUFACTURER OF HEATING ELEMENTS



UK

PLASTICS

Micanite band heaters

Micanite band heaters are used mainly for softening plastics, rubber and for heating up sections of industrial systems.

Diameter range:	ø25 ... 1800 mm
Height:	20 ... 650 mm
Surface loading:	max. 4W/cm ²
Working temperature:	400°C

Application:

injection moulding presses, extruders, rubber products manufacturing devices, packers, thermomoulding devices, film blow moulding devices



Nozzle band heaters

Diameter range:	ø25 ... 100 mm
Height:	25 ... 60 mm
Surface loading:	max. 10W/cm ²
Thermocouple:	typ „J” na życzenie
Working temperature:	max. 450°C
Application:	injection moulding machines, extruders, hot canal systems



Ceramic band heaters

Ceramic band heaters are used mainly for softening plastics in injection moulding devices and machines.

Diameter range:	ø70 ... 2000 mm
Height:	32 ... 500 mm
Surface loading:	max 7 W/cm ²
Working temperature:	500°C
Casing material:	stainless steel, aluminized steel

Application:
injection moulding machines, extruders, rubber products production devices, packers, thermomoulding devices, film blow moulding devices, briquetting machines



Band heaters with cooling system

Band heaters with cooling are mainly used in plastic extrusion. Precise temperature control in such heaters is accomplished by fan air heating-cooling cycles. Effective carrying away of heat is facilitated by radiators, made of such materials as aluminium. Two types of band heaters are on offer: made of micanite and ceramic ones. The heaters are powered by voltage of 230 or 400 V. The casing is made of stainless steel, with internal insulation.



Cartridge heaters

Cartridge heaters are elements of special construction which enable emission of large amounts of heat from a small area.

Diameter range:	ø5 ... 32 mm
Length:	25 ... 2000 mm (depending on the diameter)
Surface loading:	max 55 W/cm ² , optimum value – 5-15 W/cm ²
Working temperature:	500°C (AISI321), 750°C (Incoloy800)
Casing material:	stainless steel

Application:
injection moulds, casting moulds, medical devices, hot stamps, heating up equipment



Coil heaters

Owing to their special construction, coil (spiral) heating elements may find application in the most exacting conditions.

Diameter range:	2,2x4,2 mm, 3x3 mm, ø3,3 mm, ø4 mm
Length:	200 mm ... 3000 mm
Voltage:	max. 250V
Casing material:	1.4541, Incoloy
Working temperature:	max. 700°C

Application:
hot runner nozzles, injection moulds, packers, vacuum machines, textile machines



Tubular heating elements

Tubular heating elements are the largest group of elements for direct heating of liquids and gases. The shapes of such elements are customised to meet the customer's requests.

Diameter:	ø6.4 mm, ø8.5 mm
Length:	250 ... 3500 mm
Voltage range:	12 V ... 400 V
Casing material:	1.4541, 1.4571, 1.4876, 2.4858
Working temperature:	600°C (AISI321), 800°C (Incoloy800)

Application:
granulate driers, oil heaters, hot runner systems, packing machinery, heating tunnels, veneering machines



Accessories

Plugs, sockets, connection blocks

Heat resistant sleeveings – from -60°C to 250°C

Heat resistant sleeveings – from -60°C to 450°C, diameter from ø3 to ø30 mm

Silicone cable – from -60°C to 180°C, cross section 0.5 mm² to 25 mm²

Fiberglass cable – from -60°C to 350°C, cross section 0.5 mm² to 16 mm²

Assembly paste

Crimp terminals



Established in 1992, TERMIK is a Polish manufacturer of electric heating elements. Owing to our experience and dynamic development we are present in many sectors of industry.

All the types of heating elements are produced with the use of modern machines and equipment and top quality materials.

Our heaters are installed in household appliances, ventilation devices, water heaters, gastronomic equipment, powder paint shops, meat processing devices, injection moulding machines, injection moulds, plating tanks, etc.

The heating elements produced by our company are sold both on the domestic market and abroad. They have the following certificates: B, CE, VDE.

All elements are customised to meet the customers' needs, they are made according to the documentation and specimens provided by the customer. As a dynamically developing company we are able to meet the challenges presented by orders from our customers.

Thank you for your interest. We will be glad to cooperate with you.



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