

INDUCTION HEATING BLANKETS



Description

TESI Induction Blanket is a simple, flexible and lightweight Induction coil.

These Induction Blankets are available in many different sizes and are suitable for preheating up to up to:

- 150° C Continuous
- 180° C Short period

The blankets can easily be used on different shaped parts, including circular and flat metallic parts.

A special conductor especially designed for high frequency induction heating (LITZ wire) is used.

Conductors are provided with high temperature insulation sleeves.

The inner parts are contained, protected and furthermore insulated with Fiberglass Mat and Silicone coated fiberglass fabric.

An additional and easily replaceable outer sleeve is provided for mechanical protection against cuts and abrasion.

Main Features

- Suitable for high frequency application up to 20 kHz
- Current capability up to 400 A
- Voltage capability up to 900 V
- Air cooled design for operation up to 180°C (355°F)
- Easily replaceable outer sleeve

Accessories

Thermocouple Probe (Flat leafe-type)

The probe is installed between the blanket and the workpiece to be heated. The temperature detected signal go to the Induction SHG inverter and is used to control the process.

Thermocouple Extension

Armored shielded thermocouple extension, to connect the thermocouple

Replacement Sleeve

Protection sleeve is available as spare. When the original one supplied with the blanket is worn out, it can be replaced to guarantee protection against abrasion, cut and tears.

