

Izolatii ISOWEMA®

Manson de izolatii pentru zonele incalzite a masinilor de injectie

Descriere:

Indiferent de tipul de masina, mansonul de izolatie ISOWEMA® poate fi produs individual pentru fiecare banda de incalzire. Conectarea electrica si senzorii pot fi cazati. Aceasta este construita din mai multe straturi de materiale izolatoare (grosimi: 15 - 25 mm) cu un grad ridicat de stabilitate a temperaturii, rezultand in temperatura de suprafata si pierderile de energie fiind reduse.

Constructie:

Fibra de lana, consolidat mecanic cu fibra de sticla este cusuta intr-o tesatura de sticla cu abraziune impermeabila. Ambele materiale au o stabilitate permanenta de temperatura de pana la 500 °C. Suprafata exterioara a izolatiei consta dintr-un material cu o abraziune impermeabila ridicata, care rezista impotriva impuritatilor si materialului plastic.

Avantaje:

- reducerea consumului de energie a rezistentelor masinilor cu pana la 20 - 40%.
- durata de viata extinsa a rezistentelor datorita reducerii sarcinii termice.
- protectie ridicata a sigurantei prin reducerea temperaturii suprafetei de contact cu pana la 60 - 70%.
- pot fi intotdeauna montate si demontate rapid.
- durata de viata lunga a mansonului de izolare deoarece sunt utilizate materiale cu abraziune impermeabila, cu stabilitate ridicata la temperaturi
- materialele izolatiei sunt inofensive fiziologic
- timpul de amortizare a izolatiei ISOWEMA® este mai putin de un an.



ISOWEMA® Insulation covers

Insulation covers for heated zones of injection moulding machines

Description:

Regardless of type of machine, ISOWEMA® insulation covers can be individually produced for each heater band. The electrical connection and sensors can be accommodated. It is constructed of several layers of insulation material, (Thickness: 15 - 25 mm) with high temperature stability, resulting in the surface temperature and the loss of energy being reduced.

Construction:

Mechanically consolidated glass fibre fleece is sewn in an abrasion proofed glass fabric. Both materials have a permanent temperature stability up to 500 °C. The outer surface of the insulation consists of a highly abrasion proofed material which resists both dirt and plastic material.

Advantages:

- reduction in energy consumption of the machine heaters by 20 - 40%.
- extended life of the heaters because of reduction in heat load.
- increased workforce protection by reducing of the surface contact temperature by 60 - 70%.
- can always be retro-fitted - rapid assembly and disassembly.
- long life of the insulation cover because abrasion proofed materials with high temperature stability are used.
- physiologically harmless insulation materials.
- the amortisation time of ISOWEMA® is less than one year.



Nr. / No.		ISOWEMA®
Dimensiuni: Dimensions:		la cerere as required
max T: max T:	°C	500
Grosimea materialului: Thickness of material:	mm	15 - 25