PTFE Bag Sealing Belts

PTFE bag sealing belts are ideally suited where thermal transfer through the surface of the belt is required in order to predominantly seal plastic bags.

Applications

High volume bag manufacturing systems often use these types of belts running as a pair creating a clamping effect on the bag. These belts can also be found on air fill or air cushioning packaging machines as a means of allowing continues heat sealing to take place without molton plastic sticking to the belt.

Sealer belts tend to be two belts that run in tandem on the conveyor with a hot-plate that sits in contact with the inside of the belts as they run. The heat transfers through the belts surface sealing the plastic bag as it conveys it through the machine.

Features / Benefits

Constructed with two layers of PTFE coated glass cloth laminated together they benefit from being free of any step at the joint area that could leave a mark off.

The premium grade PTFE used to manufacture the belts has a non stick, high temperature resistant surface that prevents any molten plastics from building up on the belts surface.

Material Properties

• Non stick PTFE Surface

• Temperature resistant up to 260oc

• Lightweight and energy efficiency for economical operation

Additional Information

Techbelt bag sealing belts are supplied in lots of ten and are packaged in pizza style boxes for ease of storage. Popular sizes held is stock for quick turnaround from order.