



Force Global Heatsealing Solutions

Ropex Resistron Temperature Controls and Components for repeatable, precision controlled, heat sealing and manipulation of heat sealable materials

PH: 414 507-9378 | www.impulseal.com | FX: 262 628-4451



Resistron DIN-rail Mount Controllers

Table & Downloads...

RES-401

RES-402

RES-403

RES-406

RES-407

RES-408

RES-409

Resistron Panel Mount Controllers

Table & Downloads...

RES-004

RES-415

RES-420

RES-430

RES-440

RES-445

Controller Accessories

Current Transformer (PEX)

High Current Busbar (HCB)

Impulse Transformer (PTR)

Temp-meter (ATR)

Temp-meter (DTR)

Potentiometer (PD)

Line Filter (LF)

Booster (B)

Monitoring Unit (MSW)

Load Resistor (RB)

Load Resistor (RV)

Twisted Cable (UML)

High Current Cable (C-TC)

Panel Mount Controller Accessories

DIN-Adapter (HS)

Flexible soft front cover

Hard hinged front cover

Hard hinged with (Lock)

Validation + Verification Tools

Ropex Visualization Software

Vis-com Cable (CI-USB-1)

Temperature Sensor (TS-1)



Resistron Background

Why Use Resistron

RES-Principles

Series 400 Features

Heat Seal Jaw Bar - Silicon Insulation Backing:

Bar (C)	Step by Step Consumables Assembly Guide.	Bill of Materials:
	<p>Step #1 Clean jaw bar surface, remove old tape residue and ensure jaw bar surface is clean and smooth. Note ... bar preparation is a key step in the creation of a perfect heat seal.</p>	Bar width = 19.0 mm (0.75")
	<p>Step #2 Apply Silicon jaw bar facing insulation. This will compensate for irregular substrates and uneven heat sealing surfaces.</p>	Part No. 100030 Silicon Facing Durometer 30 Shore A Roll = 15 m Upper rounded edges 15.0 mm (Width) x 2.0 mm (Thickness) x 15 m (Length) Adhesive Backing
	<p>Step #3 Apply PTFE tape over the Silicon jaw bar facing insulation. This will prolong the Silicon life, and enable the heat seal band to freely expand and contract.</p>	Part No. 102305 PTFE TAPE AP-15, Roll = 30 m 15.0 mm (Width) x 0.15 mm (Thickness) x 30 m (Length) Adhesive Backed
	<p>Step #4 Install heat seal band.</p>	-
	<p>Step #5 Apply PTFE Cover Strip, the adhesive free zone will enable the heat seal band to freely expand and contract.</p>	Part No. 101501 PTFE Cover-Strip AP-08-CS, Roll = 30 m 45.0 mm (Width) x 0.08 mm (Thickness) x 30 m (Length) Adhesive Backed
	<p>Step #6 Optional ... apply masking tape to PTFE Cover-Strip sides to aid with adhesion.</p>	-

This information is provided as a guide to illustrate some of the various heat seal bar configurations that are possible with components and consumables Force Global offer. This web page is the property of Force Global, Inc. and may not be reproduced in whole or part, nor used for any purpose without the written consent of Force Global, Inc.

Precision Heatsealing and Packaging Solutions

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Band / Wire Profiles

Seal Seam Table

Seal & Cut Seam Table

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Jaw Bar End Terminals

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Heat Seal & Cut

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