



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

Clamp Jaw Bar - Silicon Insulation Backing:

Bar (B)	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 Silicon jaw bar facing insulation.</p>	Part No. 100892 PTFE TAPE AP-15, Roll = 30 m 45.0 mm (Width) x 0.15 mm (Thickness) x 30 m (Length) Adhesive Backed
	<p>Step #4 Optional ... apply masking tape to PTFE Tape 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.

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Jaw Bar Consumables

- [Silicon Facing](#)
- [Siglaha Hard Facing](#)
- [Durit Jaw Bar Insulation](#)
- [Cover + Zone Tapes](#)
- [PTFE Tapes](#)

Heatseal Bands/Wires

- [Heat Seal Band Services](#)
- [Custom Profile Elements](#)
- [Band / Wire Profiles](#)
- [Seal Seam Table](#)
- [Seal & Cut Seam Table](#)
- [- Quotation Request -](#)

Heatseal Components

- [Heat Seal Jaw Bars](#)
- [Jaw Bar End Terminals](#)
- [Ported Jaw Bars](#)

Jaw Bar Combinations

- [Single Sided Heat](#)
- [Double Sided Heating](#)
- [Heat Seal & Cut](#)

Links

- [Sitemap](#)
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