



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 & Cut - Bar Combinations:

	<p>click to view... Bar (F) assembly details:</p> <p>"Single Sided" Heat Only Bar Combination (D + F)</p> <p>click to view... Bar (D) assembly details:</p>	<p>System Design...</p> <p>This heat seal jaw combination uses Durit insulation for the heat seal band backing. The opposed bar is faced with Silicon glass fibre board (Siglaha), this provides the required opposed hard cutting surface for seal and cut type applications.</p> <p>Pros: Durit provides very good heat seal band insulation and minor compensation for heat seal band imperfections.</p> <p>Cons:</p> <p>Is this configuration ideal for Validation? NO... this system is not thermally balanced.</p>
	<p>click to view... Bar (F) assembly details:</p> <p>"Single Sided" Heat Only Bar Combination (E + F)</p> <p>click to view... Bar (E) assembly details:</p>	<p>System Design...</p> <p>This heat seal jaw combination uses Silicon glass fibre board (Siglaha) insulation for the heat seal band backing. The opposed bar is also faced with Siglaha, this provides the required opposed hard cutting surface for seal and cut type applications.</p> <p>Pros: Siglaha provides a very firm heat seal band backing insulation.</p> <p>Cons: Non-compensating.</p> <p>Is this configuration ideal for Validation? NO... this system is not thermally balanced.</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

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