

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



and Packaging

Solutions

PH: 414 507-9378 FX: 262 628-4451 E-mail:

info@forceglobal.com

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)

High Current Cable (C-TC) **Panel Mount Controller** Accessories

Load Resistor (RV)

Twisted Cable (UML)

DIN-Adapter (HS) Flexible soft front cover Hard hinged front cover Hard hinged with (Lock)

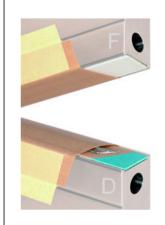
Validation + Verification **Tools**

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:



click to view... Bar (F) assembly details:

"Single Sided" Heat Only Bar Combination (D + F)

click to view... Bar (D) assembly details:

click to view...

assembly details:

"Single Sided"

Heat Only Bar Combination

(E + F)

click to view...

Bar (E)

System Design...

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

> Pros: Durit provides very good heat seal band insulation and minor compensation for heat seal band imperfections.

Is this configuration ideal for Validation? this system is not

cut type applications.

thermally balanced.

System Design...

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.

> Pros: Siglaha provides a very firm heat seal band backing insulation.

> > Cons: Noncompensating.

Is this configuration ideal for Validation? NO this system is not thermally balanced.

Home

Silicon Facing Siglaha Hard Facing **Durit Jaw Bar Insulation**

Jaw Bar Consumables

Cover + Zone Tapes PTFE Tapes

Heatseal Bands/Wires

Heat Seal Band Services Custom Profile Flements 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 Downloads

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.