

FAX DATA SHEET

TEFLON IMMERSION HEAT EXCHANGER

Have our technical staff evaluate your **immersion heat exchanger** needs. Just fill out this technical data sheet with the information that you now have and fax it back to us 973-575-0431. Our technical support group will perform the calculations for you and call or fax you with our recommendations within 24 hours.

To: **FLUOROTHERM POLYMERS INC.**

Attn: Heat Exchanger Technical Support

333 New Road
Parsippany, N.J. 07054
USA

Telephone: 973-575-0760

Website: <http://www.fluorotherm.com>

Facsimile: 973-575-0431

CUSTOMER INFORMATION

Name:	Company
Title:	Address:
Date:	City: State/Zip
Phone #:	E-Mail:
Fax #:	Urgent <input type="checkbox"/>
Service: <input type="checkbox"/> Heating <input type="checkbox"/> Cooling	<input type="checkbox"/> Condensing <input type="checkbox"/> Other

Please mention units of measurement where required: e.g., LBS OR TONS/°F OR °C/FT OR MM where appropriate.

OPERATING DATA PLEASE CIRCLE THE ITEMS WHERE OPTIONS ARE INDICATED

OBJECTIVE Heat Up / Maintain Temperature

PROCESS Pickling - Flux Tank - Acid Recovery Cooling - Etching - Holding Tank - Condensing - Other

TANK Material:
Dimensions (Length x Width x Height x Liquid Level):

Volumetric Capacity:

Insulation : Yes / No

Cover: Yes / No

Insulation Thickness (if yes):

Agitation: Yes / No

Ventilation: Yes / No

Deposits/Sludge: Yes / No

If Yes Is It Heavy / Light

Are there heavy wind drafts around tank? Yes / No

DESIRED LOCATION OF HEAT EXCHANGER:

Preferred Orientation: Along Width Along Length Tank Bottom Other

Media **Composition:** **Heat Capacity:**
Density:

Bath **Starting Temperature (please mention °F or °C):**
Finish/Maintain Temperature:
Time Allowed for Heat Up (hours):

Please note that size and cost of heat exchanger is sensitive to heat up time. We recommend sizing the heat exchanger based on the longest heat up time that your process will allow.

PLEASE CIRCLE BELOW WHERE APPLICABLE AND PROVIDE APPROPRIATE INFORMATION

Metal/Product **What Material Is Being Processed:** Fe/Silicon/Aluminum/Ni-Alloy/Other
Production Rate (Tons or Lbs or Kg/Hr):
Temperature In: **Temperature Out:**
Specific Heat of Metal/Product

(FOR HEATING ONLY WITH SATURATED STEAM OR HOT WATER)

Pressures/ **Steam or Hot Water Pressure Available for Heat Up:**
Temperatures **Hot Water Inlet Temperature:**
Hot Water Outlet Temperature:
Maximum Water Pressure Drop Allowed In Heat Exchanger:

FOR COOLING ONLY WITH WATER OR MIXED COOLANT

Water/Coolant Pressure for Cooling Application:
Cold Water/Coolant Inlet Temperature(Cooling Only):
Cold Water/Coolant Outlet Temperature(Cooling Only):
Maximum Pressure Drop Allowed In Heat Exchanger:

Please indicate if there are any space restrictions or interference in the bath

Other Relevant Information