

Industrial Thermo Products stocks a variety of cartridge heaters that are available in many different sizes and lead terminations. View the information below to help you determine the style of heater for your application.



**Type F All Flexible Leads - STANDARD**  
Leads 10" standard internally connected. Does not have any external modification, allows complete flexibility.



**Type C Crimp On Leads**  
Leads 10" standard crimp connected externally. Insulated with fiberglass sleeve.



**Type FN All Flexible Right Angle Leads**  
Metal capped end disc. Requires 5/8" cold end on top. Cannot be applied to stock.



**Type B Braid Protection Lead**  
12" Stainless steel braid over 14" leads.



**Type BN Right Angle Braid**  
Stainless steel braid exit at right angle over 14" leads.



**Type A Flexible Conduit**  
12" flexible conduit over 14" leads. Diameter of cable does not exceed heater diameter.



**Type AN Right Angle Conduit**  
12" flexible conduit exit at right angle over 14" leads.



**Type WAN Right Angle Conduit with Copper Elbow**  
10" flexible conduit over 12" leads.



**Type WA Straight Conduit with Copper Coupler**  
10" flexible conduit over 12" leads.



**Type MF Flange Fitting**  
1/16" thick x 1/2" Dia. with 2 No. 10 mounting holes on 1-1/8" centers.



**Type T1J Internal Thermocouple Leads**  
Thermocouple iron-constantan std. Please specify location. Cannot be applied to stock.



**Type TS Teflon Seal & Leads**  
Requires 1" cold section on lead end.



**Type CB Ceramic Band Heat Resistant**  
Over Bare Leads. 6" beads over 6 1/2" leads. Good for temperatures over 1100 deg. F



**Type PT Screw Terminal**  
Provide quick, secure connection with ring or fork connectors. Available on 5/8", 3/4" and 1" Dia.



**Type HD Immersion Heater**  
Double end fittings available in Brass, Steel and Stainless Steel.



**Type ES Epoxy Seal**  
**Type SS RTV Silicone Rubber**



**Type H NPT Pipe Fittings**  
(Brass or Stainless Steel)  
1/4" Dia. requires 1/8-27 NPT HS11  
3/8" Dia. requires 1/4-18 NPT HS21  
1/2" Dia. requires 3/8-18 NPT HS31  
5/8" Dia. requires 1/2-14 NPT HS41  
3/4" Dia. requires 3/4-14 NPT HS61