

# ITP

## Industrial Thermo Products

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ITP, a long-term partner collaborating on lasting solutions!®

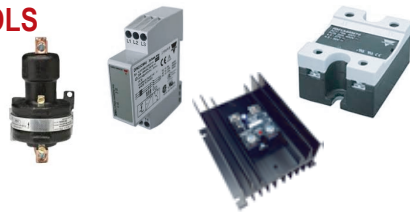
### TEMPERATURE CONTROLS

- 1/32, 1/16, 1/8 and 1/4 DIN
- Auto-tuning • UL • CSA • Nema 4x
- Double Loop PID Controls



### RELAYS, SCR CONTROLS

- Mercury Relays
- Solid State Relays
- Voltage Controls
- Contactors
- SCR's



### HOT RUNNER CONTROLS

Our product line includes controls from traditional hot runner modules to advanced embedded controls with touchscreen interface and Ethernet communications.



### TRANSDUCERS

- Melt Pressure Transducers
- Pressure Sensors
- Position Transducers: Magnetostrictives
- Position Transducers: Potentiometers
- Load Cells & Force Transducers



### EXTRUDER SCREENS & FILTERS

Screens & Polymer Filters provide clean and clear extrusion for plastic and rubber processing machinery.

- Auto Screen Belts
- Cylindrical Extruder Screens
- Weld Packs
- Custom Filters



### AUTOMATION

- Photoelectric
- Fiber Optic
- Proximity
- Sensor Controls
- Cam Positioners
- Limit Switches
- Counters
- Tachometers
- Totalizers
- Time Counters
- Chart Recorders
- Safety–  
Door Switches  
Limit Switches  
Relays
- Timers–  
Solid State Analog  
& Digital Set  
Multi Range  
Multi Function



### INSULATION JACKETS

Insulation Systems are removable and reusable plastics equipment insulation jackets. This is an ideal way to reduce energy costs and protect employees from the hazards of hot equipment.



### RUPTURE DISKS

Rupture disks are also known as burst plugs or soft plugs and are used for emergency pressure relief of an extruder. They provide reliable relief in applications where rapid pressure buildup can occur, protecting both personnel and equipment.



### HIGH TEMPERATURE ACCESSORIES

- Ceramic Wire Nuts
- Butt Splice
- Terminal Covers
- Dielectric Tape
- Fiberglass Sleeving
- Lead Wire



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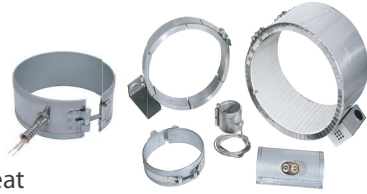
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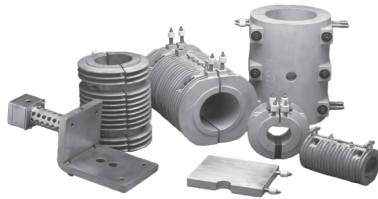
### BAND HEATERS

- Mica
- Ceramic
- Mineral Insulated
- Tubular
- Maxiband/Starflex/Permaheat



### CAST ALUMINUM & BRONZE HEATERS

- Water Cooled • Air Cooled
- Heat Only • Platen Die
- L-Shape • Shroud Systems



### CARTRIDGE HEATERS

- High or Low Density
- Round
- Square
- Split Sheath



### STRIP HEATERS

- Mica
- Ceramic
- Mineral Insulated



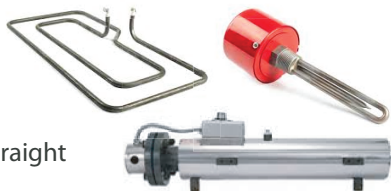
### COIL & CABLE HEATERS

- Husky
- Kona
- DME
- Hot Sprue Bushings



### TUBULAR HEATERS

- Circulation • Air • Finned
- Immersion
- Screw Plug • Flanged
- Over-the-Side • Finned • Straight



### RADIANT PANELS

- Black Quartz Composite Face
- Black Glass Face
- High Temperature Ceramic Glass Face
- Metal Face



### INFRARED HEATERS

- Trough Elements
- Flat Elements
- Hollow Elements
- Ceramic Bulb Heaters



### COLD WEATHER PRODUCTS

- Comfort Heat
- Heat Trace Cable
- Industrial Air Heaters
- Industrial Radiant Heaters



### FLEXIBLE HEATERS

- Silicone Rubber
- Kapton



### HEATED HOSE

Heated hoses are available in a wide selection of hose core inner diameters and in any desired length.



### TEMPERATURE SENSORS

- Thermocouples
- RTDs • MGO
- Plastic Industry Types
- Process Industry Types
- Plugs and Jacks
- Wire • Accessories

