Tank Immersion Heaters

**Fluoropolymer (PTFE) Single-Element Coil Heater**

**Typical Applications**
Compatible with most plating tank solutions; inert to acids, anodizing and pickling solutions up to 190°F (88°C). Check compatibility guide on pages 11-88 and 11-89 and with chemical supplier for proper sheath material selection.

**Replaces more expensive alumina or graphite heaters.**

**Design Features**
- 10 watts/in² (1.6 watts/cm²) for long service life
- Non-contaminating Fluoropolymer (PTFE) covered stainless steel elements
- T1 thermal fuse protection standard; T2 bi-metal switch optional
- Grounded internal metal element for safety
- UL listed for US and Canada
- Lightweight, non-floating construction
- Vapor-tight polypropylene terminal enclosure with universal mounting flange
- Standard 3-ft. flexible PVC liquid-tight conduit
- Single-Phase only
- 120, 240, 480 volts standard as listed — other voltages available
- Longer and shorter vertical lengths available; consult Tempco

**Typical Applications**
- Replaces more expensive alumina or graphite heaters.

**Catalog Heaters**
The part numbers given are for the complete assembly including the heater, poly guard, and T1 thermal protector. Other optional assemblies may be ordered; consult Tempco for the catalog number.

**Ordering Information**
For sizes and ratings not listed, TEMPCO will design and manufacture a heater to meet your requirements. **Standard lead time is 2 to 3 weeks.**

**Please Specify** the following:
- Hot Zone and Vertical Length per model
- Voltage and Wattage
- PVC liquid-tight conduit length (3 ft. standard)

**Custom Engineered/Manufactured Heaters**
For sizes and ratings not listed, TEMPCO will design and manufacture a heater to meet your requirements. **Standard lead time is 2 to 3 weeks.**

**Please Specify** the following:
- Hot Zone and Vertical Length per model
- Voltage and Wattage
- PVC liquid-tight conduit length (3 ft. standard)

**Note:** Guards are recommended for all fluoropolymer heaters. Standard guards are made of polypropylene. Fluoropolymer (PTFE) guards are available for chromic acid and temperatures above 180°F (82°C).