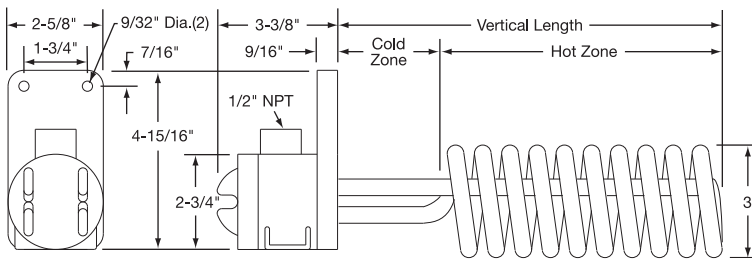
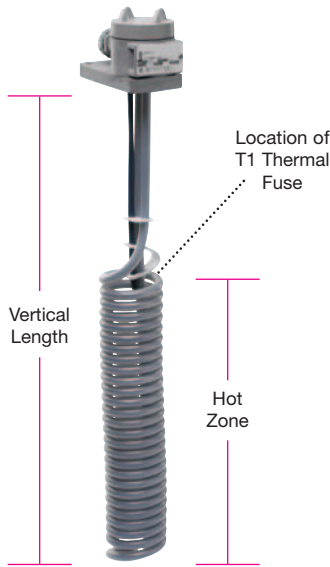


## Tank Immersion Heaters

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



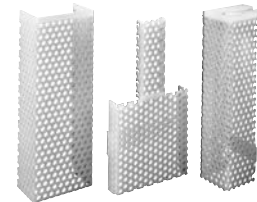
#### Typical Applications

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/in<sup>2</sup> (1.6 watts/cm<sup>2</sup>) 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



**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).

#### Standard (Non-Stock) Sizes and Ratings with Polypropylene Guard

Watts	Part Number			Hot Zone		Vertical Length	
	120V	240V	480V	in	mm	in	mm
500	TMT01001	TMT01002	—	5	127	11	279
1000	TMT01003	TMT01004	—	7	178	11	279
2000	TMT01005	TMT01006	TMT01007	12	305	17	432
3000	—	TMT01008	TMT01009	16	406	23	584
4000	—	TMT01010	TMT01011	20	508	29	737
5000	—	TMT01012	TMT01013	25	635	35	889
6000	—	TMT01014	TMT01015	29	737	40	1016

#### Ordering Information

##### 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.

##### 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)

**WARNING:** Cancer and Reproductive Harm - [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).