

## Over-the-Side Immersion Heaters

### Optional Accessories

- Thermal Fuses
- Thermowells
- Thermowell Guards

Thermowell



Fuse



### Fuse — Specifications and Ordering Information (1)

For Heater Models	Lead Length (In)	Max. Process Temperature (°F) (2)	Single Use Fuse				Resettable Fuse				Stock Status
			Model	PCN	Fuse Temp Limit (°F)	Wire Color	Model	PCN	Fuse Temp Limit (°F)	Wire Color	
GS, GT, GS3, GT3	18	180	<b>F</b>	<b>360330</b>	219	White	<b>RF</b>	<b>360436</b>	219	White	<b>S</b>
	18	230	<b>FM</b>	<b>360348</b>	262	Blue	<b>RFM</b>	<b>360444</b>	262	Blue	<b>S</b>
	18	300	<b>FH</b>	360356	330	Red	<b>RFH</b>	360452	330	Red	NS
GTF,GXF, GTF6, GTF9 (3)	18	180	<b>FT</b>	<b>360364</b>	219	Red	<b>RFT</b>	<b>360460</b>	219	White	<b>S</b>
QM, QM3 (4)	18	180	<b>FT</b>	<b>360364</b>	219	Red	<b>RFT</b>	<b>360460</b>	219	White	<b>S</b>
	18	230	<b>FTM</b>	<b>360372</b>	262	Blue	<b>RFTM</b>	<b>360479</b>	262	Blue	<b>S</b>
GSL, GTL, GSL3, GTL3, GSV3, GTV3	86	180	<b>FL</b>	<b>360399</b>	219	White	<b>RFL</b>	<b>360495</b>	219	White	<b>S</b>
	86	230	<b>FLM</b>	<b>360401</b>	262	Blue	<b>RFLM</b>	<b>360508</b>	262	Blue	<b>S</b>
	86	300	<b>FLH</b>	360410	330	Red	<b>RFLH</b>	360516	330	Red	NS
GTFL,GXFL,GTFL3 (3)	86	180	<b>FLT</b>	224717	219	Red	<b>RFLT</b>	224725	219	White	NS
Resettable fuse circuitry (5)	NA	All	NA	NA	NA	NA	<b>RFM-EC</b>	360321	NA	NA	NS

**Stock Status:** S = stock NS = non-stock  
**To Order**—Specify model, PCN and quantity.

**Notes**

1. PCN's shown above are for individual replacement parts only.
2. Process solution temperatures must always be a minimum of 30°F below fuse temperature limit.
3. For Fluoropolymer series (GTF) process temps over 180°F, Consult Factory. Fluoropolymer heaters should always be supplied with low temp fuse. Fluoropolymer Series PCN's for Fuse Temperature Limit of 262°F such as FTM 360372, RFTM 360479, FLTM 360428, and RFLTM 360524 are available on a "Consult Factory" basis only.
4. For QM series process temps over 230°F, Consult Factory.
5. Resettable fuse is bi-metal switch only and requires connection to Resettable Fuse System Circuitry, Model RFM-EC, PCN 360321, which must be ordered separately. RFM-EC includes: Manual reset, Audible Alarm, and Relay rated to 240V, 5Amp.

Fuse Temperature Ranges: (based on Fuse temp limit)  
 Low temp: 219°F, Mid temp: 262°F High temp: 330°F

**Standard Heater Offering**

1. On Standard Heaters unless specified otherwise, will supply low temp (219°F) single use fuse. Resettable fuses, along with Mid temp and High Temp fuses are special order by PCN.

### Thermowell — Specifications and Ordering Information

Well Material	ID/OD (In.)	12" Length			24" Length			36" Length		
		Model	PCN	Stock	Model	PCN	Stock	Model	PCN	Stock
316 SS	0.43 / 1/2	GSTW-12	360575	NS	<b>GSTW-24</b>	<b>360612</b>	<b>S</b>	GSTW-36	360655	NS
Titanium	0.43 / 1/	GTTW-12	360583	NS	GTTW-24	360620	NS	GTTW-36	360663	NS
Fluoropolymer <sup>1</sup>	0.44 / 1/2	<b>GTFTW-12</b>	<b>360591</b>	<b>S</b>	GTFTW-24	360639	NS	GTFTW-36	360671	NS
Quartz <sup>1</sup>	0.50 / 5/8	GQTW-12	360604	NS	GQTW-24	360647	NS	GQTW-36	360680	NS
<b>Thermowell Guards — made of Polypropylene<sup>2</sup></b>										
Fluoropolymer Well Guard	—	GTFTW-12G	360698	NS	GTFTW-24G	360719	NS	GTFTW-36G	360735	NS
Quartz Well Guard	—	GQTW-12G	360700	NS	GQTW-24G	360727	NS	GQTW-36G	360743	NS

**Stock Status:** S = stock NS = non-stock  
**To Order**—Specify model, volts, phase, kW and PCN.

1. Guards recommended. (See Thermowell Guards listed above.)
2. Other materials available. Contact your Local Chromalox Sales office.

**Other Notes —**

- A. Bracket dimensions: 1" wide x 4" long. 3/8" mounting hole centered 3/16" from end.
- B. Other lengths, diameters and sheath materials available. Contact your Local Chromalox Sales office.