

# Immersion

## Over-the-Side Immersion Heaters

### Optional Accessories

- Thermal Fuses
- Thermowells
- Thermowell Guards

Thermowell



Fuse



ACCESSORIES

*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	FH	360356	330	Red	RFH	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	FLH	360410	330	Red	RFLH	360516	330	Red	NS
GTFL,GXFL,GTFL3 (3)	86	180	FLT	224717	219	Red	RFLT	224725	219	White	NS
Resettable fuse circuitry (5)	NA	All	NA	NA	NA	NA	RFM-EC	360321	NA	NA	NS

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

- Notes**
- PCN's shown above are for individual replacement parts only.
  - Process so out on temperatures must always be a minimum of 30°F below fuse temperature limit.
  - 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.
  - For QM series process temps over 230°F, Consult Factory.
  - Resettable fuse sub-metal switch on only and requires connection to Resettable Fuse System Circuitry, Mode RFM-EC, PCN 360321, which must be ordered separately. RFM-EC includes: Manual reset, Audible Alarm, and Rated to 240V, 5Amp.

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

Standard Heater Offerings  
 1. On Standard Heaters unless specified otherwise, we supply low temp (219°F) single use fuse. Resettable fuses, along with Mid temp and High Temp fuses are specified 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 / 1/2	GTTW-12	360583	NS	GTTW-24	360620	NS	GTTW-36	360663	NS
Fluoropolymer	0.44 / 1/2	<b>GTFTW-12</b>	<b>360591</b>	<b>S</b>	GTFTW-24	360639	NS	GTFTW-36	360671	NS
Quartz	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 We Guard	—	GTFTW-12G	360698	NS	GTFTW-24G	360719	NS	GTFTW-36G	360735	NS
Quartz We Guard	—	GQTW-12G	360700	NS	GQTW-24G	360727	NS	GQTW-36G	360743	NS

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

- Guards recommended. (See Thermowell Guards listed above.)
- 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.