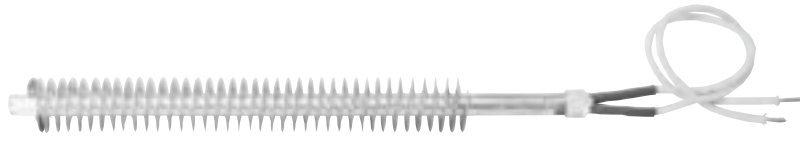




## SFTS & SFTI

### .475" Dia. Single End Fintube® Heaters



- **Steel Sheath (type SFTS)**
- **MONEL® Sheath (type SFTI)**
- **500 - 4,350 Watts**
- **120, 240 and 480 Volt**
- **60 W/in<sup>2</sup>**
- **750°F Max. Sheath Temp. (type SFTS)**
- **900°F Max. Sheath Temp. (type SFTI)**

### *Applications*

Best suited for the following applications where space is limited.

- Drying
- Heat Treating
- Annealing
- Load Banks
- Curing Ovens, Dryers, Ducts, etc.

### *Advantages*

**Versatile** — Ideal for both comfort and industrial process air applications.

**Single-End Terminals** simplify wiring and eliminate the need for return wire.

**Install More Elements in Same Space** as standard, double-end Fintube®.

**No Bending** required to put all terminals in the same plane.

**Smaller Heating Duct or Chamber** in some cases.

**Construction** — Element is constructed like the standard single-end tubular element with the addition of continuous spiral fins (4 - 5 per inch) permanently furnace brazed to the sheath.

**Fins** greatly increase surface area and permit faster heat transfer to the air, resulting in lower element surface temperatures.

**High Watt Density** permits use of fewer elements or higher concentration of installed kW for a given area.

**Lead Wires**, 10' long, with silicone-impregnated Fiberglas® sleeves. Maximum wire temperature is 200°C.

**Leads** are attached to terminals inside a ceramic terminal bushing.

### *Application Tips*

**Terminal Block** should be on outside of duct or heating area.

**Element Supports** should be provided for every two feet of element length.

**Work Temperatures** — See Allowable Watt Density & Heater Selection Graphs G-151 through G-156 in Technical section.

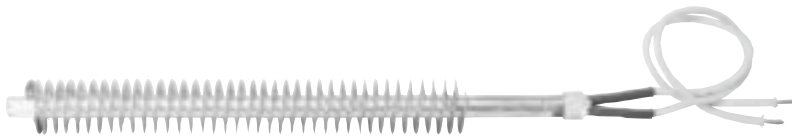
**Special Features** — Sheath material, threaded fittings, length, volts, watts, brackets, etc. Contact your Local Chromalox Sales office for price and availability.

**Bending** is not recommended for single end elements. Contact your Local Chromalox Sales office.

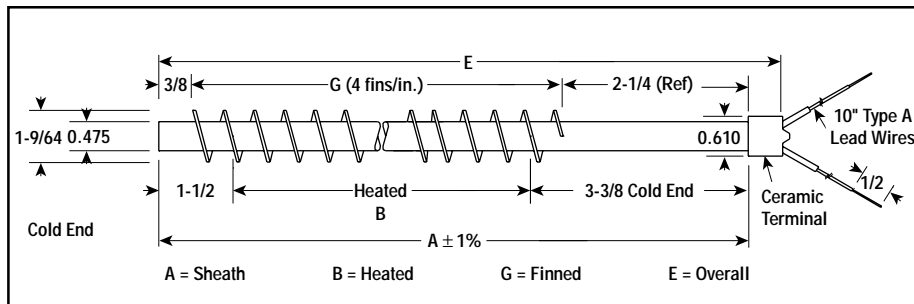
**Stainless Steel Sheath** — Optional. Contact your Local Chromalox Sales office for price and availability.

## SFTS & SFTI

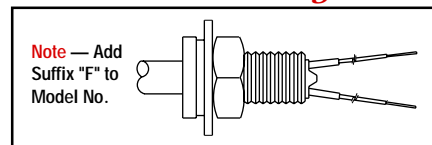
.475" Dia. Single End  
Fintube® Heaters (cont'd.)



**Dimensions (Inches)**



**Terminal End with Fitting**



### Specifications and Ordering Information

Watts	W/In <sup>2</sup>	Volts	Dimensions (In.)				Steel Sheath			MONEL® Sheath			Wt. (Lbs.)
			A	B	E	G	Model	Stock	PCN	Model	Stock	PCN	
500	47	120	11-3/4	7-1/8	12-5/8	9-3/8	SFTS-12475	NS	222279	SFTI-12475	NS	222906	1
500	47	240	11-3/4	7-1/8	12-5/8	9-3/8	SFTS-12475	NS	222287	SFTI-12475	NS	222914	1
975	59	120	15-3/4	11-1/8	16-5/8	13-3/8	SFTS-16475	NS	222295	SFTI-16475	NS	222922	1
975	59	240	15-3/4	11-1/8	16-5/8	13-3/8	SFTS-16475	NS	222308	SFTI-16475	NS	222930	1
1,200	41	120	19-3/4	15-1/8	20-5/8	17-3/8	SFTS-20475	NS	222316	SFTI-20475	NS	222949	2
1,200	41	240	19-3/4	15-1/8	20-5/8	17-3/8	SFTS-20475	NS	222324	SFTI-20475	NS	222957	2
1,200	41	480	19-3/4	15-1/8	20-5/8	17-3/8	SFTS-20475	NS	222332	SFTI-20475	NS	222965	2
1,675	59	120	23-3/4	19-1/8	24-5/8	21-3/8	SFTS-24475	NS	222340	SFTI-24475	NS	222973	2
1,675	59	240	23-3/4	19-1/8	24-5/8	21-3/8	SFTS-24475	NS	222359	SFTI-24475	NS	222981	2
1,675	59	480	23-3/4	19-1/8	24-5/8	21-3/8	SFTS-24475	NS	222367	SFTI-24475	NS	222990	2
1,975	57	120	27-3/4	23-1/8	28-5/8	25-3/8	SFTS-28475	NS	222375	SFTI-28475	NS	223001	2
1,975	57	240	27-3/4	23-1/8	28-5/8	25-3/8	SFTS-28475	NS	222383	SFTI-28475	NS	223010	2
1,975	57	480	27-3/4	23-1/8	28-5/8	25-3/8	SFTS-28475	NS	222391	SFTI-28475	NS	223028	2
2,150	53	120	31-3/4	27-1/8	32-5/8	29-3/8	SFTS-32475	NS	222404	SFTI-32475	NS	223036	3
2,300	57	240	31-3/4	27-1/8	32-5/8	29-3/8	SFTS-32475	NS	222412	SFTI-32475	NS	223044	3
2,300	57	480	31-3/4	27-1/8	32-5/8	29-3/8	SFTS-32475	NS	222420	SFTI-32475	NS	223052	3
2,100	45	120	35-3/4	31-1/8	36-5/8	33-3/8	SFTS-36475	NS	222439	SFTI-36475	NS	223060	3
2,700	58	240	35-3/4	31-1/8	36-5/8	33-3/8	SFTS-36475	NS	222447	SFTI-36475	NS	223079	3
2,700	58	480	35-3/4	31-1/8	36-5/8	33-3/8	SFTS-36475	NS	222455	SFTI-36475	NS	223087	3
1,950	37	120	39-3/4	35-1/8	40-5/8	37-3/8	SFTS-40475	NS	222463	SFTI-40475	NS	223095	3
3,150	60	240	39-3/4	35-1/8	40-5/8	37-3/8	SFTS-40475	NS	222471	SFTI-40475	NS	223108	3
3,150	60	480	39-3/4	35-1/8	40-5/8	37-3/8	SFTS-40475	NS	222480	SFTI-40475	NS	223116	3
1,750	30	120	43-3/4	39-1/8	44-5/8	41-3/8	SFTS-44475	NS	222498	SFTI-44475	NS	223124	3
3,500	60	240	43-3/4	39-1/8	44-5/8	41-3/8	SFTS-44475	NS	222500	SFTI-44475	NS	223132	3
3,500	60	480	43-3/4	39-1/8	44-5/8	41-3/8	SFTS-44475	NS	222519	SFTI-44475	NS	223140	3
1,575	25	120	47-3/4	43-1/8	48-5/8	45-3/8	SFTS-48475	NS	222527	SFTI-48475	NS	223159	4
3,850	60	240	47-3/4	43-1/8	48-5/8	45-3/8	SFTS-48475	NS	222535	SFTI-48475	NS	223167	4
3,850	60	480	47-3/4	43-1/8	48-5/8	45-3/8	SFTS-48475	NS	222543	SFTI-48475	NS	223175	4
1,450	21	120	51-3/4	47-1/8	52-5/8	49-3/8	SFTS-52475	NS	222551	SFTI-52475	NS	223183	4
4,225	60	240	51-3/4	47-1/8	52-5/8	49-3/8	SFTS-52475	NS	222560	SFTI-52475	NS	223191	4
4,225	60	480	51-3/4	47-1/8	52-5/8	49-3/8	SFTS-52475	NS	222578	SFTI-52475	NS	223204	4
1,325	17	120	55-3/4	51-1/8	56-5/8	53-3/8	SFTS-56475	NS	222586	SFTI-56475	NS	223212	4
4,400	58	240	55-3/4	51-1/8	56-5/8	53-3/8	SFTS-56475	NS	222594	SFTI-56475	NS	223220	4
4,400	58	480	55-3/4	51-1/8	56-5/8	53-3/8	SFTS-56475	NS	222607	SFTI-56475	NS	223239	4
1,225	15	120	59-3/4	55-1/8	60-5/8	57-3/8	SFTS-60475	NS	222615	SFTI-60475	NS	223247	5
4,350	53	240	59-3/4	55-1/8	60-5/8	57-3/8	SFTS-60475	NS	222623	SFTI-60475	NS	223255	5
4,350	53	480	59-3/4	55-1/8	60-5/8	57-3/8	SFTS-60475	NS	222631	SFTI-60475	NS	223263	5

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