

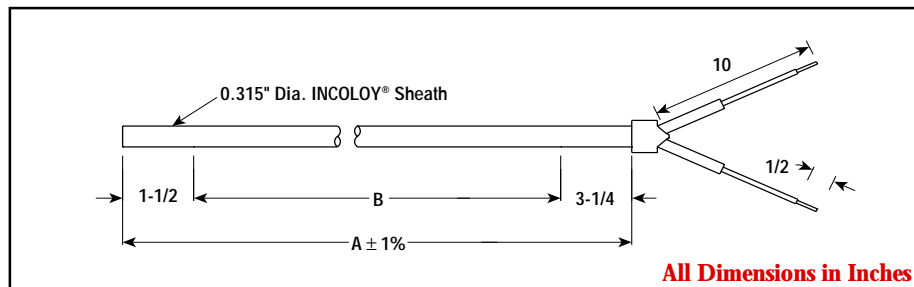
## STRC

### .315" Dia. Round Cross-Section Single-End Terminal

- Copper Sheath
- 350 - 2,400 Watts
- 120 and 240 Volt
- 4 - 50 W/In<sup>2</sup>
- 350°F Max. Sheath Temp.



#### Dimensions



#### Applications

Molds and other heat-transferring metal parts and air heating applications. Immersion heating with flange, screwplug, threaded fitting or other means of mounting.

#### Advantages

Elements with both terminals at one end, in dies, can simplify wiring in many cases. Use slim elements to concentrate heat into a confined area, taking up less space than a U-shaped element with terminals at each end.

#### Features

**Construction** — Similar to the standard Chromalox tubular design, except that both terminals of the embedded resistor wire are at one end of the element. 10" lead wires have silicone-impregnated Fiberglas® sleeves and are attached to the terminals inside a ceramic terminal bushing.

**Sealed End for Immersion Heating** on end opposite terminals is provided on all stock, single-end elements. When ordering non-stock elements, specify "sealed end" when used as an immersion heater.

**Work Temperatures** — See Tubular Heater Overview section.

**Bending** — Generally not recommended for single-end elements.

#### Specifications and Ordering Information

Watts	Volts	W/In <sup>2</sup>	Dimensions (In.)		Copper Sheath			Wt. (Lbs.)
			Sheath A	Heated B	Model	Stock	PCN	
350	120	50	11-7/8	7-1/8	STRC-1248	NS	170253	0.4
550	120	50	15-7/8	11-1/8	STRC-1648	NS	170261	0.4
550	240	50	15-7/8	11-1/8	STRC-1648	NS	170270	0.4
750	120	50	19-7/8	15-1/8	STRC-2048	NS	170288	0.4
750	240	50	19-7/8	15-1/8	STRC-2048	NS	170296	0.4
950	120	50	23-7/8	19-1/8	STRC-2448	NS	170309	0.4
950	240	50	23-7/8	19-1/8	STRC-2448	NS	170317	0.4
1,150	120	50	27-7/8	23-1/8	STRC-2848	NS	170325	0.8
1,150	240	50	27-7/8	23-1/8	STRC-2848	NS	170333	0.8
1,200	120	45	31-7/8	27-1/8	STRC-3248	NS	170341	0.8
1,350	240	50	31-7/8	27-1/8	STRC-3248	NS	170350	0.8
1,200	120	39	35-7/8	31-1/8	STRC-3648	NS	170368	0.8
1,500	240	50	35-7/8	31-1/8	STRC-3648	NS	170376	0.8
1,200	120	34	39-7/8	35-1/8	STRC-4048	NS	170384	1
1,750	240	50	39-7/8	35-1/8	STRC-4048	NS	170392	1
1,200	120	31	43-7/8	39-1/8	STRC-4448	NS	170405	1
1,950	240	50	43-7/8	39-1/8	STRC-4448	NS	170413	1
1,200	120	28	47-7/8	43-1/8	STRC-4848	NS	170421	1
2,150	240	50	47-7/8	43-1/8	STRC-4848	NS	170430	1
1,200	120	26	51-7/8	47-1/8	STRC-5248	NS	170448	1.3
2,350	240	50	51-7/8	47-1/8	STRC-5248	NS	170456	1.3
1,150	120	23	55-7/8	51-1/8	STRC-5648	NS	170464	1.3
2,400	240	47	55-7/8	51-1/8	STRC-5648	NS	170472	1.3
1,075	120	19.7	59-7/8	55-1/8	STRC-6048	NS	170480	1.3
2,400	240	44	59-7/8	55-1/8	STRC-6048	NS	170499	1.3
875	120	13	71-7/8	67-1/8	STRC-7248	NS	170501	1.3
2,400	240	36	71-7/8	67-1/8	STRC-7248	NS	170510	1.3
750	120	10	83-7/8	79-1/8	STRC-8448	NS	170528	1.8
2,400	240	31	83-7/8	79-1/8	STRC-8448	NS	170536	1.8
650	120	7	95-7/8	91-1/8	STRC-9648	NS	170544	1.8
2,400	240	27	95-7/8	91-1/8	STRC-9648	NS	170552	1.8
575	120	6	107-7/8	103-1/8	STRC-10848	NS	170560	2.5
2,300	240	23	107-7/8	103-1/8	STRC-10848	NS	170579	2.5
500	120	4	110-7/8	115-1/8	STRC-12048	NS	170587	2.5
2,000	240	18	110-7/8	115-1/8	STRC-12048	NS	170595	2.5

**Stock Status:** S = stock AS = assembly stock NS = non-stock  
**To Order**— Specify model, PCN, watts, volts and quantity. When used as an immersion heater, specify "sealed end".