

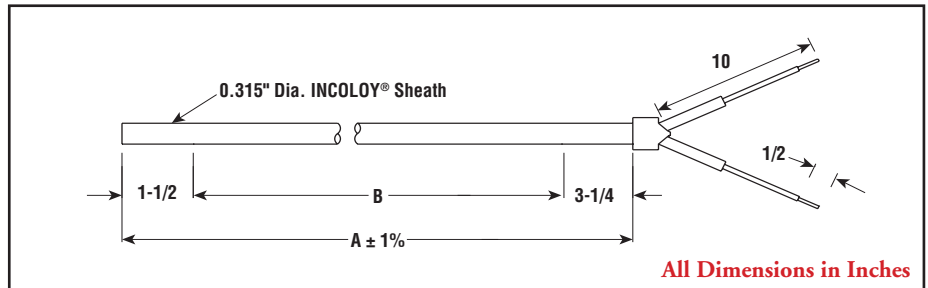
STRC

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



- Copper Sheath
- 350 - 2,400 Watts
- 120 and 240 Volt
- 4 - 50 W/In²
- 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 ²	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 NS = non-stock

To Order — Specify model, PCN, watts, volts and quantity. When used as an immersion heater, specify "sealed end".