

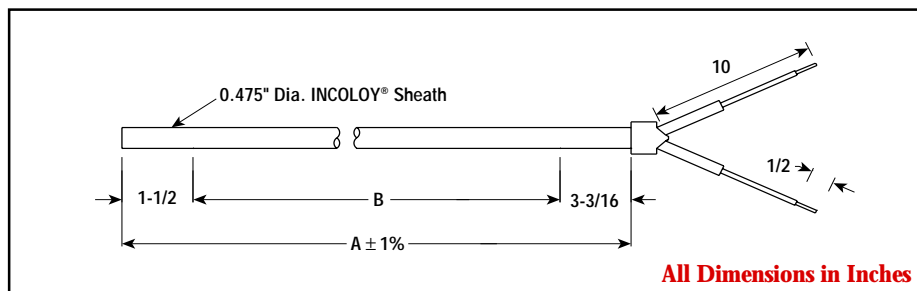
STRC

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

- Copper Sheath
- 525 - 4,125 Watts
- 120 and 240 Volt
- 3 - 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 for use as immersion heaters, specify "sealed end".

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	
525	120	50	11-7/8	7-3/16	STRC-1245	NS	149198	0.5
825	120	50	15-7/8	11-3/16	STRC-1645	NS	149200	0.5
825	240	50	15-7/8	11-3/16	STRC-1645	NS	149219	0.5
1,125	120	50	19-7/8	15-3/16	STRC-2045	NS	149227	0.5
1,125	240	50	19-7/8	15-3/16	STRC-2045	NS	149235	0.5
1,425	120	50	23-7/8	19-3/16	STRC-2445	NS	149243	0.5
1,425	240	50	23-7/8	19-3/16	STRC-2445	NS	149251	0.5
1,725	120	50	27-7/8	23-3/16	STRC-2845	NS	149260	1
1,725	240	50	27-7/8	23-3/16	STRC-2845	NS	149278	1
2,025	120	50	31-7/8	27-3/16	STRC-3245	NS	149286	1
2,025	240	50	31-7/8	27-3/16	STRC-3245	NS	149294	1
2,200	120	47	35-7/8	31-3/16	STRC-3645	NS	149307	1
2,325	240	50	35-7/8	31-3/16	STRC-3645	NS	149315	1
1,950	120	37	39-7/8	35-3/16	STRC-4045	NS	149323	1.3
2,625	240	50	39-7/8	35-3/16	STRC-4045	NS	149331	1.3
1,750	120	30	43-7/8	39-3/16	STRC-4445	NS	149340	1.3
2,925	240	50	43-7/8	39-3/16	STRC-4445	NS	149358	1.3
1,575	120	25	47-7/8	43-3/16	STRC-4845	NS	149366	1.3
3,225	240	50	47-7/8	43-3/16	STRC-4845	NS	149374	1.3
1,450	120	21	51-7/8	47-3/16	STRC-5245	NS	149382	1.8
3,525	240	50	51-7/8	47-3/16	STRC-5245	NS	149390	1.8
1,325	120	17	55-7/8	51-3/16	STRC-5645	NS	149403	1.8
3,825	240	50	55-7/8	51-3/16	STRC-5645	NS	149411	1.8
1,225	120	15	59-7/8	55-3/16	STRC-6045	NS	149420	1.8
4,125	240	50	59-7/8	55-3/16	STRC-6045	NS	149438	1.8
1,000	120	10	71-7/8	67-3/16	STRC-7245	NS	149446	1.8
4,000	240	40	71-7/8	67-3/16	STRC-7245	NS	149454	1.8
850	120	7	83-7/8	79-3/16	STRC-8445	NS	149462	2.3
3,400	240	29	83-7/8	79-3/16	STRC-8445	NS	149470	2.3
750	120	6	95-7/8	91-3/16	STRC-9645	NS	149489	3.3
3,000	240	22	95-7/8	91-3/16	STRC-9645	NS	149497	3.3
650	120	4	107-7/8	103-3/16	STRC-10845	NS	149500	3.3
2,600	240	17	107-7/8	103-3/16	STRC-10845	NS	149518	3.3
575	120	3	119-7/8	115-3/16	STRC-12045	NS	149526	3.3
2,300	240	13	119-7/8	115-3/16	STRC-12045	NS	149534	3.3

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".