

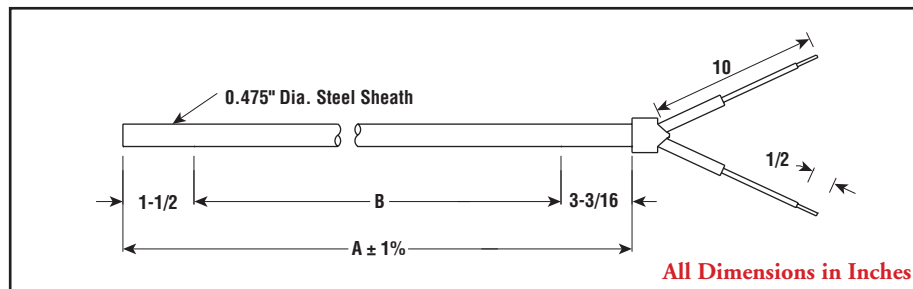
STRS

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



- Steel Sheath
- 200 - 2,725 Watts
- 120 and 240 Volt
- 3 - 20 W/In²
- 750°F Max. Sheath Temp.

Dimensions



Specifications and Ordering Information

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.

Watts	Volts	W/In ²	Dimensions (In.)		Steel Sheath			Wt. (Lbs.)
			Sheath A	Heated B	Model	Stock	PCN	
450	120	20	19-7/8	15-3/16	STRS-2045	NS	149577	0.5
450	240	20	19-7/8	15-3/16	STRS-2045	NS	149585	0.5
575	120	20	23-7/8	19-3/16	STRS-2445	NS	149593	0.5
575	240	20	23-7/8	19-3/16	STRS-2445	NS	149606	0.5
700	120	20	27-7/8	23-3/16	STRS-2845	NS	149614	1
700	240	20	27-7/8	23-3/16	STRS-2845	NS	149622	1
800	120	20	31-7/8	27-3/16	STRS-3245	NS	149630	1
800	240	20	31-7/8	27-3/16	STRS-3245	NS	149649	1
925	120	20	35-7/8	31-3/16	STRS-3645	NS	149657	1
925	240	20	35-7/8	31-3/16	STRS-3645	NS	149665	1
1,050	120	20	39-7/8	35-3/16	STRS-4045	NS	149673	1.3
1,050	240	20	39-7/8	35-3/16	STRS-4045	NS	149681	1.3
1,175	120	20	43-7/8	39-3/16	STRS-4445	NS	149690	1.3
1,175	240	20	43-7/8	39-3/16	STRS-4445	NS	149702	1.3
1,275	120	20	47-7/8	43-3/16	STRS-4845	NS	149710	1.3
1,275	240	20	47-7/8	43-3/16	STRS-4845	NS	149729	1.3
1,400	120	20	51-7/8	47-3/16	STRS-5245	NS	149737	1.8
1,400	240	20	51-7/8	47-3/16	STRS-5245	NS	149745	1.8
1,325	120	17	55-7/8	51-3/16	STRS-5645	NS	149753	1.8
1,525	240	20	55-7/8	51-3/16	STRS-5645	NS	149761	1.8
1,225	120	15	59-7/8	55-3/16	STRS-6045	NS	149770	1.8
1,650	240	20	59-7/8	55-3/16	STRS-6045	NS	149788	1.8
1,000	120	10	71-7/8	67-3/16	STRS-7245	NS	149796	1.8
2,000	240	20	71-7/8	67-3/16	STRS-7245	NS	149809	1.8
850	120	7	83-7/8	79-3/16	STRS-8445	NS	149817	2.3
2,350	240	20	83-7/8	79-3/16	STRS-8445	NS	149825	2.3
750	120	6	95-7/8	91-3/16	STRS-9645	NS	149833	3.3
2,725	240	20	95-7/8	91-3/16	STRS-9645	NS	149841	3.3
650	120	4	107-7/8	103-3/16	STRS-10845	NS	149850	3.3
2,600	240	17	107-7/8	103-3/16	STRS-10845	NS	149868	3.3
575	120	3	119-7/8	115-3/16	STRS-12045	NS	149876	3.3
2,300	240	13	119-7/8	115-3/16	STRS-12045	NS	149884	3.3

Stock Status: S = stock NS = non-stock
To Order—Specify model, PCN, watts, volts and quantity. If element is to be bent, specify "must be annealed".