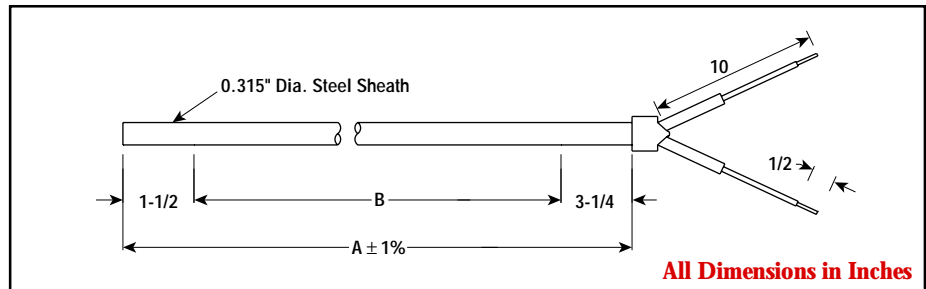


STRS

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

- Steel Sheath
- 150 - 2,050 Watts
- 120 and 240 Volt
- 4 - 20 W/In²
- 750°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.)		Steel Sheath			Wt. (Lbs.)
			Sheath A	Heated B	Model	Stock	PCN	
150	120	20	11-7/8	7-1/8	STRS-1248	NS	170608	0.4
225	120	20	15-7/8	11-1/8	STRS-1648	S	170616	0.4
225	240	20	15-7/8	11-1/8	STRS-1648	S	170624	0.4
300	120	20	19-7/8	15-1/8	STRS-2048	NS	170632	0.4
300	240	20	19-7/8	15-1/8	STRS-2048	S	170640	0.4
375	120	20	23-7/8	19-1/8	STRS-2448	NS	170659	0.4
375	240	20	23-7/8	19-1/8	STRS-2448	S	170667	0.4
450	120	20	27-7/8	23-1/8	STRS-2848	NS	170675	0.8
450	240	20	27-7/8	23-1/8	STRS-2848	S	170683	0.8
550	120	20	31-7/8	27-1/8	STRS-3248	NS	170691	0.8
550	240	20	31-7/8	27-1/8	STRS-3248	S	170704	0.8
625	120	20	35-7/8	31-1/8	STRS-3648	NS	170712	0.8
625	240	20	35-7/8	31-1/8	STRS-3648	NS	170720	0.8
700	120	20	39-7/8	35-1/8	STRS-4048	NS	170739	1
700	240	20	39-7/8	35-1/8	STRS-4048	NS	170747	1
775	120	20	43-7/8	39-1/8	STRS-4448	NS	170755	1
775	240	20	43-7/8	39-1/8	STRS-4448	NS	170763	1
850	120	20	47-7/8	43-1/8	STRS-4848	NS	170721	1
850	240	20	47-7/8	43-1/8	STRS-4848	NS	170780	1
925	120	20	51-7/8	47-1/8	STRS-5248	NS	170798	1.3
925	240	20	51-7/8	47-1/8	STRS-5248	NS	170800	1.3
1,025	120	20	55-7/8	51-1/8	STRS-5648	NS	170819	1.3
1,025	240	20	55-7/8	51-1/8	STRS-5648	NS	170827	1.3
1,075	120	19.7	59-7/8	55-1/8	STRS-6048	NS	170835	1.3
1,100	240	20	59-7/8	55-1/8	STRS-6048	NS	170843	1.3
875	120	13	71-7/8	67-1/8	STRS-7248	NS	170851	1.3
1,325	240	20	71-7/8	67-1/8	STRS-7248	NS	170860	1.3
750	120	10	83-7/8	79-1/8	STRS-8448	NS	170878	1.8
1,575	240	20	83-7/8	79-1/8	STRS-8448	NS	170886	1.8
650	120	7	95-7/8	91-1/8	STRS-9648	NS	170894	1.8
1,800	240	20	95-7/8	91-1/8	STRS-9648	NS	170907	1.8
575	120	6	107-7/8	103-1/8	STRS-10848	NS	170415	2.5
2,050	240	20	107-7/8	103-1/8	STRS-10848	NS	170923	2.5
500	120	4	119-7/8	115-1/8	STRS-12048	NS	170915	2.5
2,000	240	13	119-7/8	115-1/8	STRS-12048	NS	170923	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".