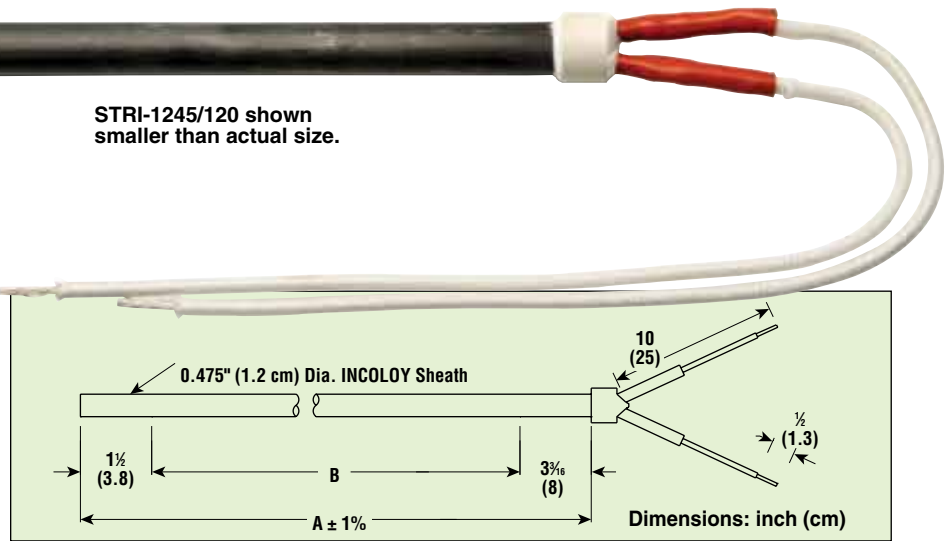


0.475" (1.2 cm) DIAMETER ROUND CROSS-SECTION SINGLE-END TERMINAL

STRI Series

STRI-1245/120 shown smaller than actual size.

- ✓ Incoloy® Sheath
- ✓ 325 to 3400 Watts
- ✓ 120 and 240 Volt
- ✓ 3 to 30 W/in²
- ✓ 870°C (1600°F) Maximum Sheath Temperature



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 elements with terminals at each end.

FEATURES

Construction: Similar to the standard OMEGALUX® tubular design, except that both terminals of the embedded resistor wire are at one end of the element. 10" lead wires have silicone-impregnated Fiberglass 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 online

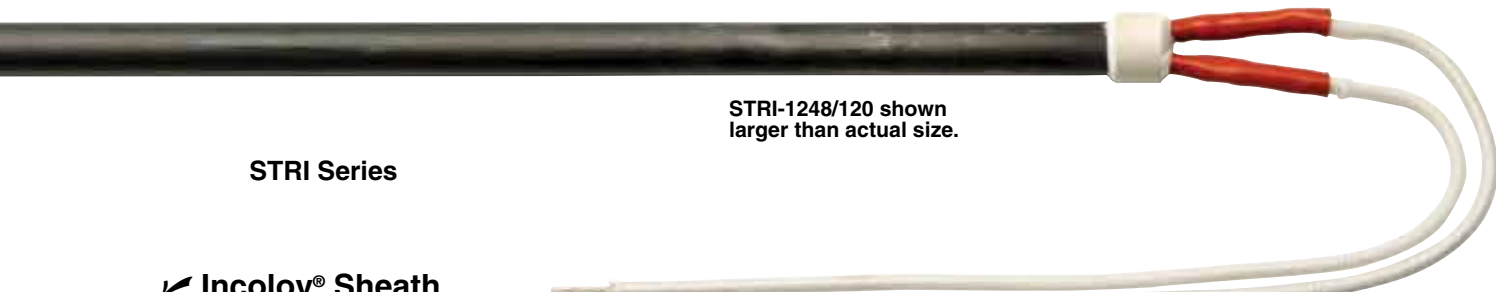
Bending: Generally not recommended for single-end elements.

To Order

Watts	Volts	W/in ²	Dimensions: inch (cm)		INCOLOY Sheath	Weight (lb)
			Sheath A	Heated B	Model No.	
325	120	30	11 ¹ / ₁₆ (30)	7 ⁷ / ₁₆ (18)	STRI-1245/120	0.5
500	120	30	15 ⁵ / ₁₆ (40)	11 ³ / ₁₆ (28)	STRI-1645/120	0.5
500	240	30	15 ⁵ / ₁₆ (40)	11 ³ / ₁₆ (28)	STRI-1645/240	0.5
675	120	30	19 ⁷ / ₁₆ (50)	15 ⁵ / ₁₆ (39)	STRI-2045/120	0.5
675	240	30	19 ⁷ / ₁₆ (50)	15 ⁵ / ₁₆ (39)	STRI-2045/240	0.5
850	120	30	23 ⁷ / ₁₆ (60)	19 ⁷ / ₁₆ (49)	STRI-2445/120	0.5
850	240	30	23 ⁷ / ₁₆ (60)	19 ⁷ / ₁₆ (49)	STRI-2445/240	0.5
1025	120	30	27 ⁷ / ₁₆ (70)	23 ³ / ₁₆ (59)	STRI-2845/120	1.0
1025	240	30	27 ⁷ / ₁₆ (70)	23 ³ / ₁₆ (59)	STRI-2845/240	1.0
1225	120	30	31 ⁷ / ₁₆ (80)	27 ⁷ / ₁₆ (69)	STRI-3245/120	1.0
1225	240	30	31 ⁷ / ₁₆ (80)	27 ⁷ / ₁₆ (69)	STRI-3245/240	1.0
1400	120	30	35 ⁷ / ₁₆ (91)	31 ⁷ / ₁₆ (79)	STRI-3645/120	1.0
1400	240	30	35 ⁷ / ₁₆ (91)	31 ⁷ / ₁₆ (79)	STRI-3645/240	1.0
1575	120	30	39 ⁷ / ₁₆ (101)	35 ⁷ / ₁₆ (89)	STRI-4045/120	1.3
1575	240	30	39 ⁷ / ₁₆ (101)	35 ⁷ / ₁₆ (89)	STRI-4045/240	1.3
1750	120	30	43 ⁷ / ₁₆ (111)	39 ⁷ / ₁₆ (100)	STRI-4445/120	1.3
1750	240	30	43 ⁷ / ₁₆ (111)	39 ⁷ / ₁₆ (100)	STRI-4445/240	1.3
1575	120	25	47 ⁷ / ₁₆ (122)	43 ⁷ / ₁₆ (110)	STRI-4845/120	1.3
1925	240	30	47 ⁷ / ₁₆ (122)	43 ⁷ / ₁₆ (110)	STRI-4845/240	1.3
1450	120	21	51 ⁷ / ₁₆ (132)	47 ⁷ / ₁₆ (120)	STRI-5245/120	1.8
2100	240	30	51 ⁷ / ₁₆ (132)	47 ⁷ / ₁₆ (120)	STRI-5245/240	1.8
1325	120	17	55 ⁷ / ₁₆ (142)	51 ⁷ / ₁₆ (130)	STRI-5645/120	1.8
2275	240	30	55 ⁷ / ₁₆ (142)	51 ⁷ / ₁₆ (130)	STRI-5645/240	1.8
1225	120	15	59 ⁷ / ₁₆ (152)	55 ⁷ / ₁₆ (140)	STRI-6045/120	1.8
2475	240	30	59 ⁷ / ₁₆ (152)	55 ⁷ / ₁₆ (140)	STRI-6045/240	1.8
1000	120	10	71 ⁷ / ₁₆ (183)	67 ⁷ / ₁₆ (171)	STRI-7245/120	1.8
3000	240	30	71 ⁷ / ₁₆ (183)	67 ⁷ / ₁₆ (171)	STRI-7245/240	1.8
850	120	7	83 ⁷ / ₁₆ (213)	79 ⁷ / ₁₆ (201)	STRI-8445/120	2.3
3400	240	29	83 ⁷ / ₁₆ (213)	79 ⁷ / ₁₆ (201)	STRI-8445/240	2.3
750	120	6	95 ⁷ / ₁₆ (243)	91 ⁷ / ₁₆ (231)	STRI-9645/120	3.3
3000	240	22	95 ⁷ / ₁₆ (243)	91 ⁷ / ₁₆ (231)	STRI-9645/240	3.3
650	120	4	107 ⁷ / ₁₆ (274)	103 ⁷ / ₁₆ (261)	STRI-10845/120	3.3
2600	240	17	107 ⁷ / ₁₆ (274)	103 ⁷ / ₁₆ (261)	STRI-10845/240	3.3
575	120	3	119 ⁷ / ₁₆ (304)	115 ⁷ / ₁₆ (292)	STRI-12045/120	3.3
2300	240	13	119 ⁷ / ₁₆ (304)	115 ⁷ / ₁₆ (292)	STRI-12045/240	3.3

Ordering Examples: STRI-4445/240, 1750 Watt, 240V, sealed end immersion heater.
 STRI-1245/120, 325 Watt, 120V, sealed end immersion heater.
 When used as an immersion heater, specify "sealed end".

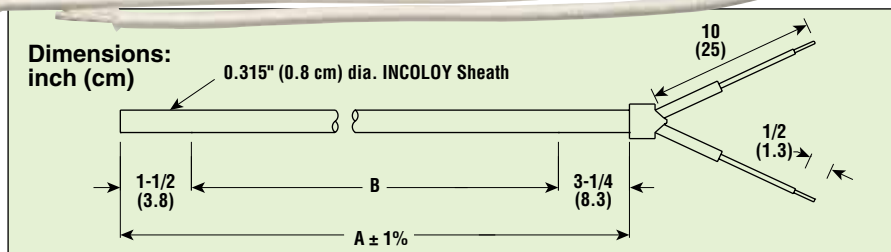
0.315" (0.8 cm) DIAMETER ROUND CROSS-SECTION SINGLE-END TERMINAL



STRI-1248/120 shown larger than actual size.

STRI Series

- ✓ Incoloy® Sheath
- ✓ 225 to 2400 Watts
- ✓ 120 and 240 Volt
- ✓ 4 to 30 W/in²
- ✓ 870°C (1600°F) Maximum Sheath Temperature



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 Omegalux 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 online

Bending:

Generally not recommended for single-end elements.

To Order

Watts	Volts	W/in ²	Dimensions: inch (cm)		INCOLOY Sheath	Weight (lb)
			Sheath A	Heated B	Model	
225	120	30	11 $\frac{1}{8}$ (30)	7 $\frac{1}{8}$ (18)	STRI-1248/120	0.4
325	120	30	15 $\frac{1}{8}$ (40)	11 $\frac{1}{8}$ (28)	STRI-1648/120	0.4
325	240	30	15 $\frac{1}{8}$ (40)	11 $\frac{1}{8}$ (28)	STRI-1648/240	0.4
450	120	30	19 $\frac{1}{8}$ (50)	15 $\frac{1}{8}$ (38)	STRI-2048/120	0.4
450	240	30	19 $\frac{1}{8}$ (50)	15 $\frac{1}{8}$ (38)	STRI-2048/240	0.4
575	120	30	23 $\frac{1}{8}$ (60)	19 $\frac{1}{8}$ (49)	STRI-2448/120	0.4
575	240	30	23 $\frac{1}{8}$ (60)	19 $\frac{1}{8}$ (49)	STRI-2448/240	0.4
700	120	30	27 $\frac{1}{8}$ (70)	23 $\frac{1}{8}$ (59)	STRI-2848/120	0.8
700	240	30	27 $\frac{1}{8}$ (70)	23 $\frac{1}{8}$ (59)	STRI-2848/240	0.8
800	120	30	31 $\frac{1}{8}$ (80)	27 $\frac{1}{8}$ (69)	STRI-3248/120	0.8
800	240	30	31 $\frac{1}{8}$ (80)	27 $\frac{1}{8}$ (69)	STRI-3248/240	0.8
925	120	30	35 $\frac{1}{8}$ (91)	31 $\frac{1}{8}$ (79)	STRI-3648/120	0.8
925	240	30	35 $\frac{1}{8}$ (91)	31 $\frac{1}{8}$ (79)	STRI-3648/240	0.8
1050	120	30	39 $\frac{1}{8}$ (101)	35 $\frac{1}{8}$ (89)	STRI-4048/120	1.0
1050	240	30	39 $\frac{1}{8}$ (101)	35 $\frac{1}{8}$ (89)	STRI-4048/240	1.0
1175	120	30	43 $\frac{1}{8}$ (111)	39 $\frac{1}{8}$ (99)	STRI-4448/120	1.0
1175	240	30	43 $\frac{1}{8}$ (111)	39 $\frac{1}{8}$ (99)	STRI-4448/240	1.0
1200	120	28	47 $\frac{1}{8}$ (122)	43 $\frac{1}{8}$ (110)	STRI-4848/120	1.0
1275	240	30	47 $\frac{1}{8}$ (122)	43 $\frac{1}{8}$ (110)	STRI-4848/240	1.0
1200	120	26	51 $\frac{1}{8}$ (132)	47 $\frac{1}{8}$ (120)	STRI-5248/120	1.3
1400	240	30	51 $\frac{1}{8}$ (132)	47 $\frac{1}{8}$ (120)	STRI-5248/240	1.3
1150	120	23	55 $\frac{1}{8}$ (142)	51 $\frac{1}{8}$ (130)	STRI-5648/120	1.3
1525	240	30	55 $\frac{1}{8}$ (142)	51 $\frac{1}{8}$ (130)	STRI-5648/240	1.3
1075	120	13.7	59 $\frac{1}{8}$ (152)	55 $\frac{1}{8}$ (140)	STRI-6048/120	1.3
1650	240	30	59 $\frac{1}{8}$ (152)	55 $\frac{1}{8}$ (140)	STRI-6048/240	1.3
875	120	13	71 $\frac{1}{8}$ (183)	67 $\frac{1}{8}$ (171)	STRI-7248/120	1.3
2000	240	30	71 $\frac{1}{8}$ (183)	67 $\frac{1}{8}$ (171)	STRI-7248/240	1.3
750	120	10	83 $\frac{1}{8}$ (213)	79 $\frac{1}{8}$ (201)	STRI-8448/120	1.8
2350	240	30	83 $\frac{1}{8}$ (213)	79 $\frac{1}{8}$ (201)	STRI-8448/240	1.8
650	120	7	95 $\frac{1}{8}$ (243)	91 $\frac{1}{8}$ (231)	STRI-9648/120	1.8
2400	240	27	95 $\frac{1}{8}$ (243)	91 $\frac{1}{8}$ (231)	STRI-9648/240	1.8
575	120	6	107 $\frac{1}{8}$ (274)	103 $\frac{1}{8}$ (262)	STRI-10848/120	2.5
2300	240	23	107 $\frac{1}{8}$ (274)	103 $\frac{1}{8}$ (262)	STRI-10848/240	2.5
500	120	4	119 $\frac{1}{8}$ (304)	115 $\frac{1}{8}$ (292)	STRI-12048/120	2.5
2000	240	18	119 $\frac{1}{8}$ (304)	115 $\frac{1}{8}$ (292)	STRI-12048/240	2.5

Ordering Examples: STRI-4448/120, 1175 Watt, 120V heater.

STRI-3648/120, 915 Watt, 120V, heater.

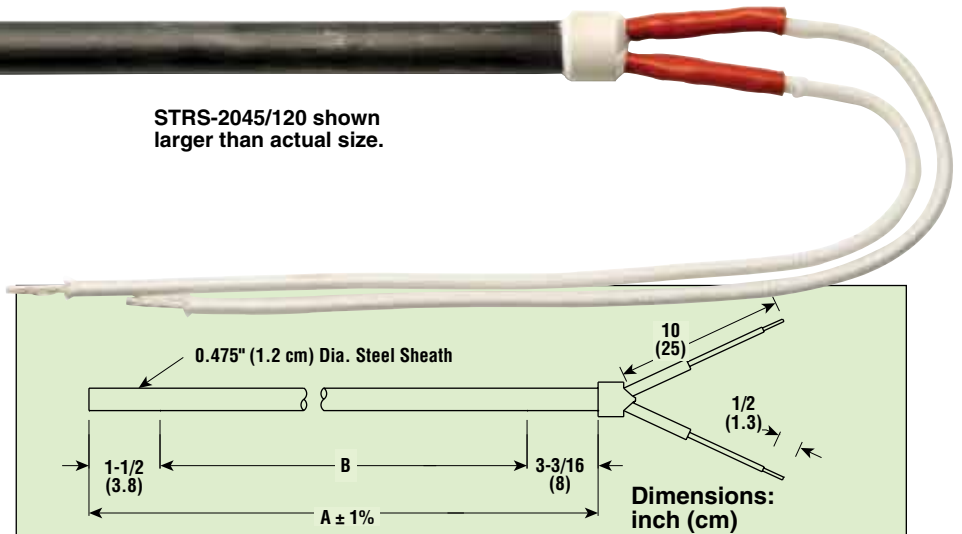
When used as an immersion heater, specify "sealed end".

0.475" (1.2 cm) DIAMETER ROUND CROSS-SECTION SINGLE-END TERMINAL

STRS Series

STRS-2045/120 shown larger than actual size.

- ✓ Steel Sheath
- ✓ 200 to 2725 Watts
- ✓ 120 and 240 Volt
- ✓ 3 to 20 W/in²
- ✓ 400°C (750°F) Maximum Sheath Temperature



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 OMEGALUX tubular design, except that both terminals of the embedded resistor wire are at one end of the element. 10" lead wires have silicone-impregnated Fiberglass 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 online

Bending:

Generally not recommended for single-end elements.

To Order

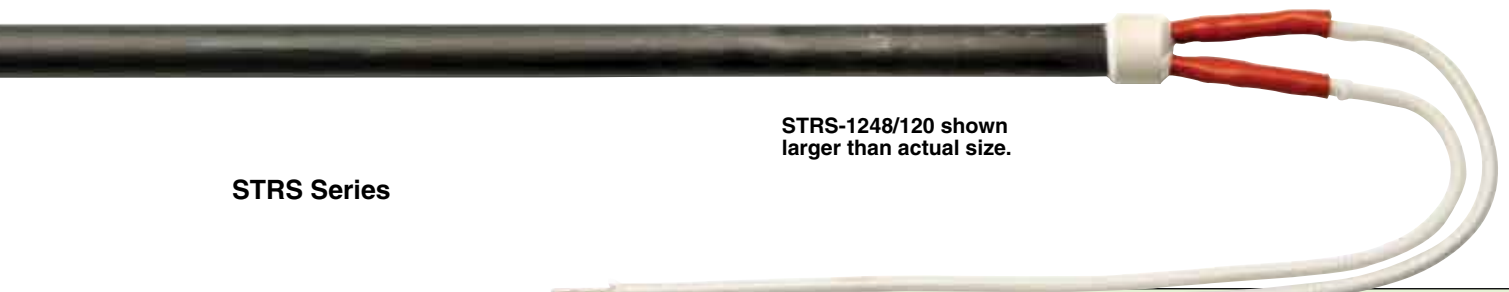
Watts	Volts	W/in ²	Dimensions: inch (cm)		Steel Sheath	Weight (lb)
			Sheath A	Heated B	Model No.	
200	120	20	1 1/8 (30)	7 3/16 (18)	STRS-1245/120	0.5
325	120	20	1 5/8 (40)	1 1/16 (28)	STRS-1645/120	0.5
325	240	20	1 5/8 (40)	1 1/16 (28)	STRS-1645/240	0.5
450	120	20	1 9/8 (50)	1 5/16 (38)	STRS-2045/120	0.5
450	240	20	1 9/8 (50)	1 5/16 (38)	STRS-2045/240	0.5
575	120	20	2 3/8 (60)	1 9/16 (49)	STRS-2445/120	0.5
575	240	20	2 3/8 (60)	1 9/16 (49)	STRS-2445/240	0.5
700	120	20	2 7/8 (70)	2 3/16 (59)	STRS-2845/120	1.0
700	240	20	2 7/8 (70)	2 3/16 (59)	STRS-2845/240	1.0
800	120	20	3 1/8 (80)	2 7/16 (69)	STRS-3245/120	1.0
800	240	20	3 1/8 (80)	2 7/16 (69)	STRS-3245/240	1.0
925	120	20	3 5/8 (91)	3 1/16 (79)	STRS-3645/120	1.0
925	240	20	3 5/8 (91)	3 1/16 (79)	STRS-3645/240	1.0
1050	120	20	3 9/8 (101)	3 5/16 (89)	STRS-4045/120	1.3
1050	240	20	3 9/8 (101)	3 5/16 (89)	STRS-4045/240	1.3
1175	120	20	4 3/8 (111)	3 9/16 (99)	STRS-4445/120	1.3
1175	240	20	4 3/8 (111)	3 9/16 (99)	STRS-4445/240	1.3
1275	120	20	4 7/8 (122)	4 3/16 (110)	STRS-4845/120	1.3
1275	240	20	4 7/8 (122)	4 3/16 (110)	STRS-4845/240	1.3
1400	120	20	5 1/8 (132)	4 7/16 (120)	STRS-5245/120	1.8
1400	240	20	5 1/8 (132)	4 7/16 (120)	STRS-5245/240	1.8
1325	120	17	5 5/8 (142)	5 1/16 (130)	STRS-5645/120	1.8
1525	240	20	5 5/8 (142)	5 1/16 (130)	STRS-5645/240	1.8
1225	120	15	5 9/8 (152)	5 5/16 (140)	STRS-6045/120	1.8
1650	240	20	5 9/8 (152)	5 5/16 (140)	STRS-6045/240	1.8
1000	120	10	7 1/8 (183)	6 7/16 (171)	STRS-7245/120	1.8
2000	240	20	7 1/8 (183)	6 7/16 (171)	STRS-7245/240	1.8
850	120	7	8 3/8 (231)	7 9/16 (201)	STRS-8445/120	2.3
2350	240	20	8 3/8 (231)	7 9/16 (201)	STRS-8445/240	2.3
750	120	6	9 5/8 (243)	9 1/16 (231)	STRS-9645/120	3.3
2725	240	20	9 5/8 (243)	9 1/16 (231)	STRS-9645/240	3.3
650	120	4	10 7/8 (274)	10 3/16 (262)	STRS-10845/120	3.3
2600	240	17	10 7/8 (274)	10 3/16 (262)	STRS-10845/240	3.3
575	120	3	11 9/8 (304)	11 5/16 (292)	STRS-12045/120	3.3
2300	240	13	11 9/8 (304)	11 5/16 (292)	STRS-12045/240	3.3

Ordering Examples: STRS-5245/240, 1400 Watt, 240V heater.

STRS-6045/240, 1650 Watt, 240V heater.

If element is to be bent, specify "must be annealed".

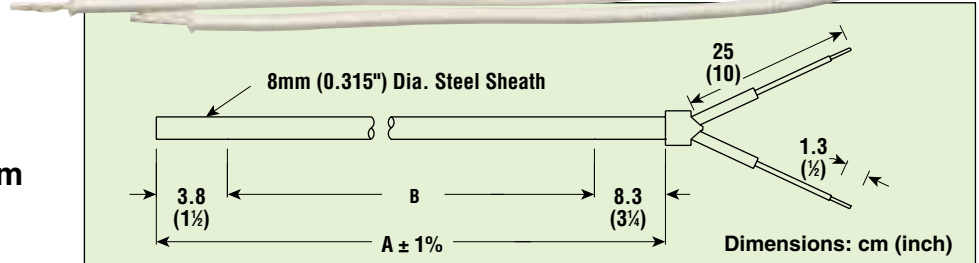
0.3156" (8 mm) DIAMETER ROUND CROSS-SECTION SINGLE-END TERMINAL



STRS-1248/120 shown larger than actual size.

STRS Series

- ✓ Steel Sheath
- ✓ 150 to 2050 Watts
- ✓ 120 and 240 Volt
- ✓ 4 to 20 W/in²
- ✓ 400°C (750°F) Maximum Sheath Temperature



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 OMEGALUX® tubular design, except that both terminals of the embedded resistor wire are at one end of the element. Ten inch lead wires have silicone-impregnated Fiberglass 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 online

Bending:

Generally not recommended for single-end elements.

To Order

Watts	Volts	W/in ²	Dimensions: cm (inch)		Steel Sheath	Weight (lb)
			Sheath A	Heated B	Model No.	
150	120	20	30 (11 ³ / ₈)	18 (7 ¹ / ₈)	STRS-1248/120	0.4
225	120	20	40 (15 ⁵ / ₈)	28 (11 ¹ / ₈)	STRS-1648/120	0.4
225	240	20	15 ¹ / ₂ (40)	11 ¹ / ₂ (28)	STRS-1648/240	0.4
300	120	20	19 ¹ / ₂ (50)	15 ¹ / ₂ (38)	STRS-2048/120	0.4
300	240	20	19 ¹ / ₂ (50)	15 ¹ / ₂ (38)	STRS-2048/240	0.4
375	120	20	23 ¹ / ₂ (60)	19 ¹ / ₂ (49)	STRS-2448/120	0.4
375	240	20	23 ¹ / ₂ (60)	19 ¹ / ₂ (49)	STRS-2448/240	0.4
450	120	20	27 ¹ / ₂ (70)	23 ¹ / ₂ (59)	STRS-2848/120	0.8
450	240	20	27 ¹ / ₂ (70)	23 ¹ / ₂ (59)	STRS-2848/240	0.8
550	120	20	31 ¹ / ₂ (80)	27 ¹ / ₂ (69)	STRS-3248/120	0.8
550	240	20	31 ¹ / ₂ (80)	27 ¹ / ₂ (69)	STRS-3248/240	0.8
625	120	20	35 ¹ / ₂ (91)	31 ¹ / ₂ (79)	STRS-3648/120	0.8
625	240	20	35 ¹ / ₂ (91)	31 ¹ / ₂ (79)	STRS-3648/240	0.8
700	120	20	39 ¹ / ₂ (101)	35 ¹ / ₂ (89)	STRS-4048/120	1.0
700	240	20	39 ¹ / ₂ (101)	35 ¹ / ₂ (89)	STRS-4048/240	1.0
775	120	20	43 ¹ / ₂ (111)	39 ¹ / ₂ (99)	STRS-4448/120	1.0
775	240	20	43 ¹ / ₂ (111)	39 ¹ / ₂ (99)	STRS-4448/240	1.0
850	120	20	47 ¹ / ₂ (122)	43 ¹ / ₂ (110)	STRS-4848/120	1.0
850	240	20	47 ¹ / ₂ (122)	43 ¹ / ₂ (110)	STRS-4848/240	1.0
925	120	20	51 ¹ / ₂ (132)	47 ¹ / ₂ (120)	STRS-5248/120	1.3
925	240	20	51 ¹ / ₂ (132)	47 ¹ / ₂ (120)	STRS-5248/240	1.3
1025	120	20	55 ¹ / ₂ (142)	51 ¹ / ₂ (130)	STRS-5648/120	1.3
1025	240	20	55 ¹ / ₂ (142)	51 ¹ / ₂ (130)	STRS-5648/240	1.3
1075	120	19.7	59 ¹ / ₂ (152)	55 ¹ / ₂ (140)	STRS-6048/120	1.3
1100	240	20	59 ¹ / ₂ (152)	55 ¹ / ₂ (140)	STRS-6048/240	1.3
875	120	13	71 ¹ / ₂ (183)	67 ¹ / ₂ (171)	STRS-7248/120	1.3
1325	240	20	71 ¹ / ₂ (183)	67 ¹ / ₂ (171)	STRS-7248/240	1.3
750	120	10	83 ¹ / ₂ (213)	79 ¹ / ₂ (201)	STRS-8448/120	1.8
1575	240	20	83 ¹ / ₂ (213)	79 ¹ / ₂ (201)	STRS-8448/240	1.8
650	120	7	95 ¹ / ₂ (243)	91 ¹ / ₂ (231)	STRS-9648/120	1.8
1800	240	20	95 ¹ / ₂ (243)	91 ¹ / ₂ (231)	STRS-9648/240	1.8
575	120	6	107 ¹ / ₂ (274)	103 ¹ / ₂ (262)	STRS-10848/120	2.5
2050	240	20	107 ¹ / ₂ (274)	103 ¹ / ₂ (262)	STRS-10848/240	2.5
500	120	4	119 ¹ / ₂ (304)	115 ¹ / ₂ (292)	STRS-12048/120	2.5
2000	240	13	119 ¹ / ₂ (304)	115 ¹ / ₂ (292)	STRS-12048/240	2.5

Ordering Examples: STRS-5248/120, 925 Watt, 120V heater.

STRS-4448/240, 775 Watt, 240V heater.

When used as an immersion heater, specify "sealed end".