

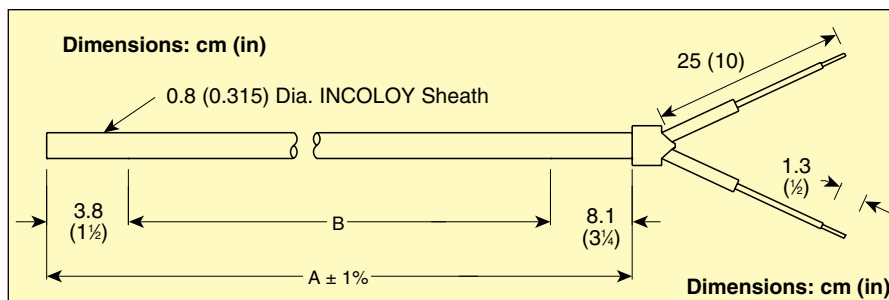
8 mm (0.315") DIAMETER ROUND CROSS-SECTION SINGLE-END TERMINAL



STRC Series

STRC-1248/120 shown smaller than actual size.

- ✓ Copper Sheath
- ✓ 350 to 2400 Watts
- ✓ 120 and 240 Volt
- ✓ 4 to 50 W/in²
- ✓ 175°C (350°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 is similar to the standard Omegalux tubular design, except that both terminals of the embedded resistor wire are at one end of the element. 25.4 cm (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, specify "sealed end" when used as an immersion heater.

Work Temperature:

See Tubular Heater overview online.

Bending:

Generally not recommended for single-end elements.

To Order

Model No.	Watts	Volts	W/in ²	Dimensions: cm (in)		Weight kg (lb)
				Sheath A	Heated B	
STRC-1248/120	350	120	50	30 (11 ⁵ / ₈)	18 (7 ¹ / ₈)	0.18 (0.4)
STRC-1648/120	550	120	50	40 (15 ⁷ / ₈)	28 (11 ¹ / ₈)	0.18 (0.4)
STRC-1648/240	550	240	50	40 (15 ⁷ / ₈)	28 (11 ¹ / ₈)	0.18 (0.4)
STRC-2048/120	750	120	50	50 (19 ⁷ / ₈)	38 (15 ¹ / ₈)	0.18 (0.4)
STRC-2048/240	750	240	50	50 (19 ⁷ / ₈)	38 (15 ¹ / ₈)	0.18 (0.4)
STRC-2448/120	950	120	50	60 (23 ⁷ / ₈)	49 (19 ¹ / ₈)	0.18 (0.4)
STRC-2448/240	950	240	50	60 (23 ⁷ / ₈)	49 (19 ¹ / ₈)	0.18 (0.4)
STRC-2848/120	1150	120	50	70 (27 ⁷ / ₈)	59 (23 ³ / ₈)	0.36 (0.8)
STRC-2848/240	1150	240	50	70 (27 ⁷ / ₈)	59 (23 ³ / ₈)	0.36 (0.8)
STRC-3248/120	1200	120	45	80 (31 ¹ / ₈)	69 (27 ¹ / ₈)	0.36 (0.8)
STRC-3248/240	1350	240	50	80 (31 ¹ / ₈)	69 (27 ¹ / ₈)	0.36 (0.8)
STRC-3648/120	1200	120	39	91 (35 ⁷ / ₈)	79 (31 ¹ / ₈)	0.36 (0.8)
STRC-3648/240	1500	240	50	91 (35 ⁷ / ₈)	79 (31 ¹ / ₈)	0.36 (0.8)
STRC-4048/120	1200	120	34	101 (39 ⁷ / ₈)	89 (35 ¹ / ₈)	0.45 (1.0)
STRC-4048/240	1750	240	50	101 (39 ⁷ / ₈)	89 (35 ¹ / ₈)	0.45 (1.0)
STRC-4448/120	1200	120	31	111 (43 ⁷ / ₈)	99 (39 ³ / ₈)	0.45 (1.0)
STRC-4448/240	1950	240	50	111 (43 ⁷ / ₈)	99 (39 ³ / ₈)	0.45 (1.0)
STRC-4848/120	1200	120	28	122 (47 ⁷ / ₈)	110 (43 ¹ / ₈)	0.45 (1.0)
STRC-4848/240	2150	240	50	122 (47 ⁷ / ₈)	110 (43 ¹ / ₈)	0.45 (1.0)
STRC-5248/120	1200	120	26	132 (51 ⁷ / ₈)	120 (47 ¹ / ₈)	0.59 (1.3)
STRC-5248/240	2350	240	50	132 (51 ⁷ / ₈)	120 (47 ¹ / ₈)	0.59 (1.3)
STRC-5648/120	1150	120	23	142 (55 ⁷ / ₈)	130 (51 ¹ / ₈)	0.59 (1.3)
STRC-5648/240	2400	240	47	142 (55 ⁷ / ₈)	130 (51 ¹ / ₈)	0.59 (1.3)
STRC-6048/120	1075	120	19.7	152 (59 ⁷ / ₈)	140 (55 ¹ / ₈)	0.59 (1.3)
STRC-6048/240	2400	240	44	152 (59 ⁷ / ₈)	140 (55 ¹ / ₈)	0.59 (1.3)
STRC-7248/120	875	120	13	183 (71 ⁷ / ₈)	171 (67 ¹ / ₈)	0.59 (1.3)
STRC-7248/240	2400	240	36	183 (71 ⁷ / ₈)	171 (67 ¹ / ₈)	0.59 (1.3)
STRC-8448/120	750	120	10	213 (83 ⁷ / ₈)	201 (79 ¹ / ₈)	0.82 (1.8)
STRC-8448/240	2400	240	31	213 (83 ⁷ / ₈)	201 (79 ¹ / ₈)	0.82 (1.8)
STRC-9648/120	650	120	7	243 (95 ⁷ / ₈)	231 (91 ¹ / ₈)	0.82 (1.8)
STRC-9648/240	2400	240	27	243 (95 ⁷ / ₈)	231 (91 ¹ / ₈)	0.82 (1.8)
STRC-10848/120	575	120	6	274 (107 ⁷ / ₈)	262 (103 ³ / ₈)	1.13 (2.5)
STRC-10848/240	2300	240	23	274 (107 ⁷ / ₈)	262 (103 ³ / ₈)	1.13 (2.5)
STRC-12048/120	500	120	4	282 (110 ⁷ / ₈)	292 (115 ¹ / ₈)	1.13 (2.5)
STRC-12048/240	2000	240	18	282 (110 ⁷ / ₈)	292 (115 ¹ / ₈)	1.13 (2.5)

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

Ordering Examples: STRC-3648/120, 1200 W, 120V heater.

STRC-1648/240, 550 W, 240V heater.