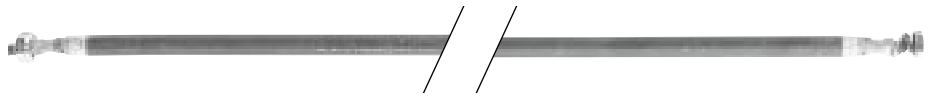


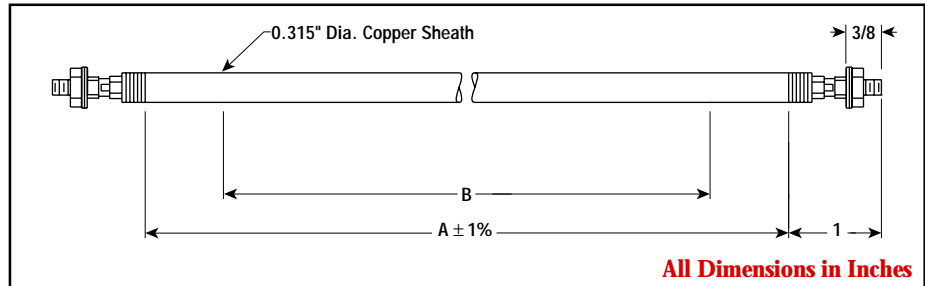
## TRC

### .315" Dia. Round Cross-Section



- Copper Sheath
- 500 - 5,475 Watts
- 120, 240 and 480 Volt
- 53 W/in<sup>2</sup>
- 350°F Max. Sheath Temp.

#### Dimensions



#### Applications

Versatile tubular elements can be designed for use in most applications. See guidelines in the Tubular Heater Overview section.

#### Advantages

The metal sheath isolates and protects the resistor wire from the environment. At the same time it maximizes heat transfer capability to the work. Tubular elements can be bent to put the heat where it works best.

#### Features

**Type 3 Terminals** — Heliarc-welded to the cold pin. See terminal detail drawing in the Tubular Heater Overview section.

**Work Temperatures** — See Tubular Heater Overview section.

**Bending** — Customer's minimum inside bending radius is 1-1/16". See bending requirements in the Tubular Heater Overview section.

#### Specifications and Ordering Information

Watts	Volts	W/in <sup>2</sup>	Dimensions (In.)		Copper Sheath			Wt. (Lbs.)
			Sheath A	Heated B	Model	Stock	PCN	
500	120	53	16	9-1/4	TRC-1648	NS	175775	0.4
700	120	53	20	13-1/4	TRC-2048	NS	175783	0.4
700	240	53	20	13-1/4	TRC-2048	NS	175791	0.4
1,125	120	53	28	21-1/4	TRC-2848	NS	175804	0.8
1,125	240	53	28	21-1/4	TRC-2848	NS	175812	0.8
1,325	120	53	32	25-1/4	TRC-3248	NS	175820	0.8
1,325	240	53	32	25-1/4	TRC-3248	NS	175839	0.8
1,525	120	53	36	29-1/4	TRC-3648	NS	175847	0.8
1,525	240	53	36	29-1/4	TRC-3648	NS	175855	0.8
1,725	120	53	40	33-1/4	TRC-4048	NS	175863	1
1,725	240	53	40	33-1/4	TRC-4048	NS	175871	1
2,050	120	53	46	39-1/4	TRC-4648	NS	175880	1
2,050	240	53	46	39-1/4	TRC-4648	NS	175898	1
2,050	480	53	46	39-1/4	TRC-4648	NS	175900	1
2,350	120	53	52	45-1/4	TRC-5248	NS	175919	1.3
2,350	240	53	52	45-1/4	TRC-5248	NS	175927	1.3
2,350	480	53	52	45-1/4	TRC-5248	NS	175935	1.3
2,675	120	53	58	51-1/4	TRC-5848	NS	175943	1.3
2,675	240	53	58	51-1/4	TRC-5848	NS	175951	1.3
2,675	480	53	58	51-1/4	TRC-5848	NS	175943	1.3
2,975	120	53	64	57-1/4	TRC-6448	NS	175960	1.3
2,975	240	53	64	57-1/4	TRC-6448	NS	175978	1.3
2,975	480	53	64	57-1/4	TRC-6448	NS	175986	1.3
3,300	240	53	70	63-1/4	TRC-7048	NS	175994	1.3
3,300	480	53	70	63-1/4	TRC-7048	NS	176006	1.3
3,600	240	53	76	69-1/4	TRC-7648	NS	176014	1.3
3,600	480	53	76	69-1/4	TRC-7648	NS	176022	1.3
3,900	240	53	82	75-1/4	TRC-8248	NS	176030	1.8
3,900	480	53	82	75-1/4	TRC-8248	NS	176049	1.8
4,225	240	53	88	81-1/4	TRC-8848	NS	176057	1.8
4,225	480	53	88	81-1/4	TRC-8848	NS	176065	1.8
4,525	240	53	94	87-1/4	TRC-9448	NS	176073	1.8
4,525	480	53	94	87-1/4	TRC-9448	NS	176081	1.8
4,850	240	53	100	93-1/4	TRC-10048	NS	176090	2.5
4,850	480	53	100	93-1/4	TRC-10048	NS	176102	2.5
5,150	240	53	106	99-1/4	TRC-10648	NS	176110	2.5
5,150	480	53	106	99-1/4	TRC-10648	NS	176129	2.5
5,475	240	53	112	105-1/4	TRC-11248	NS	176137	2.5
5,475	480	53	112	105-1/4	TRC-11248	NS	176145	2.5

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