TRS

.315" Dia. Round Cross-Section

- **Steel Sheath**
- **200 - 2,175 Watts**
- **120, 240 and 480 Volt**
- **20 W/In²**
- **750°F Max. Sheath Temp.**

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.

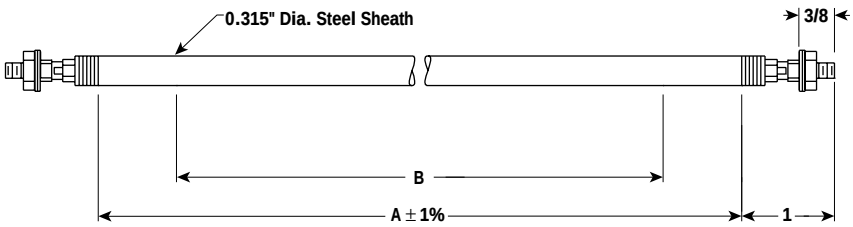
Features

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.

Dimensions



All Dimensions in Inches

Specifications and Ordering Information

Watts	Volts	W/In²	Dimensions (In.)		Steel Sheath			Wt. (Lbs.)
			Sheath A	Heated B	Model	Stock	PCN	
200	120	20	16	9-1/4	TRS-1648	NS	176153	0.4
275	120	20	20	13-1/4	TRS-2048	NS	176161	0.4
450	120	20	28	21-1/4	TRS-2848	NS	176170	0.4
450	240	20	28	21-1/4	TRS-2848	NS	176188	0.4
525	120	20	32	25-1/4	TRS-3248	NS	176196	0.8
525	240	20	32	25-1/4	TRS-3248	NS	176209	0.8
600	120	20	36	29-1/4	TRS-3648	NS	176217	0.8
600	240	20	36	29-1/4	TRS-3648	NS	176225	0.8
700	120	20	40	33-1/4	TRS-4048	NS	176233	1
700	240	20	40	33-1/4	TRS-4048	NS	176241	1
825	120	20	46	39-1/4	TRS-4648	NS	176250	1
825	240	20	46	39-1/4	TRS-4648	NS	176268	1
825	480	20	46	39-1/4	TRS-4648	NS	176276	1
950	120	20	52	45-1/4	TRS-5248	NS	176284	1.3
950	240	20	52	45-1/4	TRS-5248	NS	176292	1.3
950	480	20	52	45-1/4	TRS-5248	NS	176305	1.3
1,075	120	20	58	51-1/4	TRS-5848	NS	176313	1.3
1,075	240	20	58	51-1/4	TRS-5848	NS	176321	1.3
1,075	480	20	58	51-1/4	TRS-5848	NS	176330	1.3
1,200	120	20	64	57-1/4	TRS-6448	NS	176348	1.3
1,200	240	20	64	57-1/4	TRS-6448	NS	176356	1.3
1,200	480	20	64	57-1/4	TRS-6448	NS	176364	1.3
1,325	120	20	70	63-1/4	TRS-7048	NS	176372	1.3
1,325	240	20	70	63-1/4	TRS-7048	NS	176380	1.3
1,325	480	20	70	63-1/4	TRS-7048	NS	176399	1.3
1,450	120	20	76	69-1/4	TRS-7648	NS	176401	1.3
1,450	240	20	76	69-1/4	TRS-7648	NS	176410	1.3
1,450	480	20	76	69-1/4	TRS-7648	NS	176428	1.3
1,575	120	20	82	75-1/4	TRS-8248	NS	176436	1.8
1,575	240	20	82	75-1/4	TRS-8248	NS	176444	1.8
1,575	480	20	82	75-1/4	TRS-8248	NS	176452	1.8
1,700	120	20	88	81-1/4	TRS-8848	NS	176460	1.8
1,700	240	20	88	81-1/4	TRS-8848	NS	176479	1.8
1,700	480	20	88	81-1/4	TRS-8848	NS	176487	1.8
1,825	120	20	94	87-1/4	TRS-9448	NS	176495	1.8
1,825	240	20	94	87-1/4	TRS-9448	NS	176508	1.8
1,825	480	20	94	87-1/4	TRS-9448	NS	176516	1.8
1,925	120	20	100	93-1/4	TRS-10048	NS	176524	2.5
1,925	240	20	100	93-1/4	TRS-10048	NS	176532	2.5
1,925	480	20	100	93-1/4	TRS-10048	NS	176540	2.5
2,025	240	20	106	99-1/4	TRS-10648	NS	176559	2.5
2,025	480	20	106	99-1/4	TRS-10648	NS	176567	2.5
2,175	240	20	112	105-1/4	TRS-11248	NS	176575	2.5
2,175	480	20	112	105-1/4	TRS-11248	NS	176583	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".