

TRI

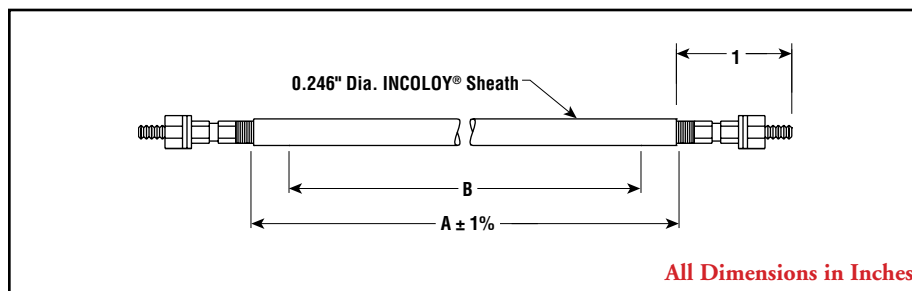
.246" Dia. Round Cross-Section



- INCOLOY® Sheath
- 165 - 2,365 Watts
- 120 and 240 Volt
- 30 W/in²
- 1600°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

Small Diameter Tubular Elements — Most easily bent to conform to work surfaces and to “pack” heat into confined spaces. Because of the small cross-section, these tubulars also heat up and cool rapidly.

Type 28 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 3/4”. See bending requirements in the Tubular Heater Overview section.

Specifications and Ordering Information

Watts	Volts	W/in ²	Dimensions (In.)		INCOLOY® Sheath			Wt. (Lbs.)
			Sheath A	Heated B	Model	Stock	PCN	
165	120	30	12	7-1/2	TRI-1212	NS	282052	0.2
255	120	30	16	11-1/2	TRI-1612	NS	282060	0.3
340	120	30	20	15-1/2	TRI-2012	NS	282079	0.3
340	240	30	20	15-1/2	TRI-2012	NS	177420	0.3
430	120	30	24	19-1/2	TRI-2412	NS	282087	0.3
430	240	30	24	19-1/2	TRI-2412	NS	282095	0.3
515	120	30	28	23-1/2	TRI-2812	NS	282108	0.5
515	240	30	28	23-1/2	TRI-2812	NS	282116	0.5
605	120	30	32	27-1/2	TRI-3212	NS	282124	0.5
605	240	30	32	27-1/2	TRI-3212	NS	177439	0.5
690	120	30	36	31-1/2	TRI-3612	NS	282132	0.5
690	240	30	36	31-1/2	TRI-3612	NS	282140	0.5
780	120	30	40	35-1/2	TRI-4012	NS	177447	0.7
780	240	30	40	35-1/2	TRI-4012	NS	143870	0.7
910	120	30	46	41-1/2	TRI-4612	NS	177455	0.7
910	240	30	46	41-1/2	TRI-4612	NS	282159	0.7
1,045	120	30	52	47-1/2	TRI-5212	NS	282167	0.9
1,045	240	30	52	47-1/2	TRI-5212	NS	143888	0.9
1,175	120	30	58	53-1/2	TRI-5812	NS	177463	0.9
1,175	240	30	58	53-1/2	TRI-5812	NS	177471	0.9
1,310	120	30	64	59-1/2	TRI-6412	NS	282175	0.9
1,310	240	30	64	59-1/2	TRI-6412	NS	282183	0.9
1,440	120	30	70	65-1/2	TRI-7012	NS	282191	0.9
1,440	240	30	70	65-1/2	TRI-7012	NS	282204	0.9
1,570	120	30	76	71-1/2	TRI-7612	NS	177480	0.9
1,570	240	30	76	71-1/2	TRI-7612	NS	282212	0.9
1,700	120	30	82	77-1/2	TRI-8212	NS	177498	1.2
1,700	240	30	82	77-1/2	TRI-8212	NS	177500	1.2
1,835	120	30	88	83-1/2	TRI-8812	NS	177519	1.2
1,835	240	30	88	83-1/2	TRI-8812	NS	177527	1.2
1,965	240	30	94	89-1/2	TRI-9412	NS	282220	1.2
2,100	240	30	100	95-1/2	TRI-10012	NS	177535	1.7
2,230	240	30	106	101-1/2	TRI-10612	NS	177543	1.7
2,365	240	30	112	107-1/2	TRI-11212	NS	177551	1.7

Stock Status: S = stock NS = non-stock
To Order—Specify model, PCN, watts, volts and quantity.