

TRID & TRIW

.475" Dia.
Round Cross-Section



- INCOLOY® Sheath
- 1,000 - 7,500 Watts
- 120, 240 and 480 Volt
- 19 and 22 W/In² (type TRID)
- 40 W/In² (type TRIW)
- 1600°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.

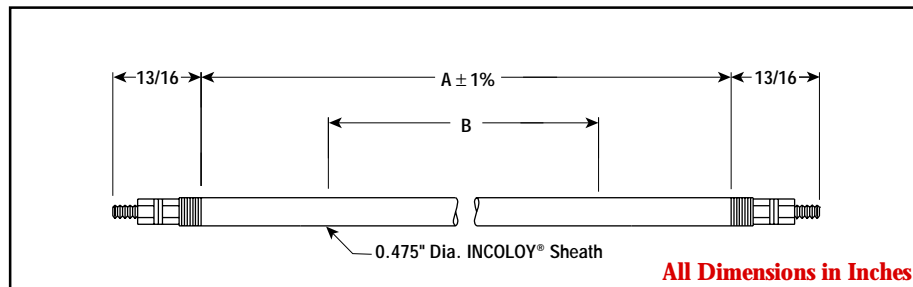
Features

Type 4 Terminals — Standard. Integral parts of the element are of high strength to resist bending during tightening of the wiring connections. Type 4 is threaded extension of 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 1-1/2". See bending requirements in the Tubular Heater Overview section.

Dimensions



Specifications and Ordering Information

Watts	Volts	W/In ²	Dimensions (In.)		INCOLOY® Sheath			Wt. (Lbs.)
			Sheath A	Heated B	Model	Stock	PCN	
TRID — 22 W/In²								
1,000	240	22	40	28-1/8	TRID-4065	AS	143722	1.3
1,000	480	22	40	28-1/8	TRID-4065	AS	143730	1.3
1,250	240	22	43-9/16	31-11/16	TRID-4365	AS	143749	1.5
1,250	480	22	43-9/16	31-11/16	TRID-4365	NS	175740	1.5
1,500	240	22	54-1/4	42-3/8	TRID-5465	AS	143757	1.8
1,500	480	22	54-1/4	42-3/8	TRID-5465	AS	143765	1.8
2,000	240	22	70	58-1/8	TRID-7065	AS	143773	1.8
2,000	480	22	70	58-1/8	TRID-7065	AS	143781	1.8
2,500	240	22	85	73-1/8	TRID-8565	AS	143790	2.3
2,500	480	22	85	73-1/8	TRID-8565	AS	143802	2.3
3,000	240	22	100	88-1/8	TRID-10065	AS	143810	3.3
3,000	480	22	100	88-1/8	TRID-10065	AS	143829	3.3
3,334	240	22	108	96-1/8	TRID-10865	AS	143837	3.3
4,167	240	22	134	122-1/8	TRID-13465	AS	143845	4.3
5,000	240	22	160	148-1/8	TRID-16065	AS	143853	6
TRID — 19 W/In²								
1,667	240	19	70	54-3/8	TRID-7085	AS	177560	1.8
2,225	240	19	91-3/4	76	TRID-9285	AS	177578	2.3
2,778	240	19	108	92-3/8	TRID-10885	AS	177586	3.3
TRIW — 40 W/In²								
1,000	120	40	20	13-1/8	TRIW-2045	AS	143490	0.5
1,000	240	40	20	13-1/8	TRIW-2045	AS	143503	0.5
1,250	120	40	23	16-1/8	TRIW-2345	AS	143511	0.5
1,250	240	40	23	16-1/8	TRIW-2345	NS	175759	0.5
1,500	120	40	28	21-1/8	TRIW-2845	AS	143520	1
1,500	240	40	28	21-1/8	TRIW-2845	AS	143538	1
1,500	480	40	28	21-1/8	TRIW-2845	AS	175767	1
2,000	240	40	40	28	TRIW-4065	AS	143546	1.3
2,000	480	40	40	28	TRIW-4065	AS	143554	1.3
2,500	240	40	43-1/2	31-1/2	TRIW-4365	AS	143562	1.3
2,500	480	40	43-1/2	31-1/2	TRIW-4365	AS	143570	1.3
3,000	240	40	54-1/4	42-3/8	TRIW-5465	AS	143589	1.8
3,000	480	40	54-1/4	42-3/8	TRIW-5465	AS	143597	1.8
3,500	240	40	60	48	TRIW-6065	AS	143600	1.8
4,000	240	40	70	58	TRIW-7065	AS	143618	1.8
4,000	480	40	70	58	TRIW-7065	AS	143626	1.8
5,000	240	40	85	73	TRIW-8565	AS	143634	2.3
5,000	480	40	85	73	TRIW-8565	AS	143642	2.3
6,000	240	40	100	88	TRIW-10065	AS	143650	3.3
6,000	480	40	100	88	TRIW-10065	AS	143669	3.3
7,500	240	40	112	100	TRIW-11265	AS	143677	3.3

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