

## ***Tubular Heater Standard Specifications***

Element Diameter		Maximum Voltage	Maximum Amperage	Resistance in Ohms per Heated Inch		Sheath Length			
in	mm			min	max	min		max	
						in	mm	in	mm
.260	6.6	250	15	.100	17	11	279	200	5080
.315	8.0	480	30	.060	21	11	279	200	5080
.375	9.5	600	30	.040	21	11	279	200	5080
.430	10.9	600	40	.040	21	11	279	268	6807
.475	12.1	600	40	.040	21	11	279	200	5080
.625	15.9	600	40	.040	17	11	279	255	6477

**Table**

**1**

**Electrical Limitations and Minimum/Maximum Sheath Lengths**

Length		Sheath Length Tolerance (±)		Heated Length Tolerance (±)		Minimum Unheated Length Each End	
in	mm	in	mm	in	mm	in	mm
11-20	279-508	3/32	2.4	1/4	6	1	25
20-50	508-1270	1/8	3.2	1/2	13	1-1/4	32
50-80	1270-2032	5/32	4.0	7/8	22	1-1/2	38
80-110	2032-2794	3/16	4.8	1-1/8	29	1-5/8	42
110-140	2794-3556	7/32	5.6	1-3/8	35	1-3/4	44
140-170	3556-4318	1/4	6.4	1-5/8	41	2	51
170-200	4318-5080	3/8	9.5	1-7/8	48	2-1/4	57
200-up	5080-up	1/2	12.7	2-3/8	60	2-1/2	64

**Table**

**2**

**Sheath and Heated Length Tolerance**  
(applicable for all diameters)