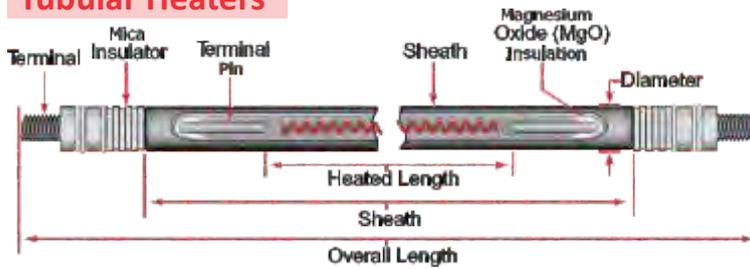


## Tubular Heaters



Tubular elements are the most versatile of all metal sheathed heaters. They can be supplied in many lengths, diameters, sheath materials and electrical ratings.

Inherent mechanical flexibility permits forming and bending into many shapes and sizes providing unique adaptability for the process engineer or product designer. Various sheath material selections are available to provide suitable operation from liquid immersion service through high temperature (871°C) radiant heating service.

Diameter (mm.)	Sheath Materials Available	Maximum Voltage	Maximum Amperage	Maximum Length (mm.)	Minimum Factory Bend Radius (mm.)	Minimum Field Bend Radius (mm.)
5.08	Incoloy	240	12	2500	6.35	19.05
6.60	Steel, Incoloy	250	15	4500	7.93	31.75
8.00	Steel, 316 SS, Incoloy	480	30	6000	9.52	25.4
8.38	Steel, 316 SS, Incoloy	480	30	6000	9.52	31.75
10.92	Steel, 304 SS, 316 SS Incoloy	600	40	6000	11.11	34.92
12.06	Steel, 304 SS, 316 SS Incoloy	600	40	6000	12.7	34.92

## Tubular Heater Assembly



Dutch Heaters



Large Tank Heaters



Circular Heaters



Flanged Immersion Heaters



Finned Tubular Heater



Finned Duct Heater



ESP Hopper Heater