



Introduction

The Tubular Swaged Element forms the basis of most process heating equipment. As a heat source it is robust, flexible and reliable. It can be rated to suit all applications up to a maximum of 850°C.

In addition to applying these in our range of process heaters, we supply Tubular Swaged Elements in straight lengths or formed to various shapes to suit the customer's application.

Ordering Procedure

Specify: Diameter, Sheath material, Watts, Volts, Length, Cold Ends, Termination & Mounting (if required).

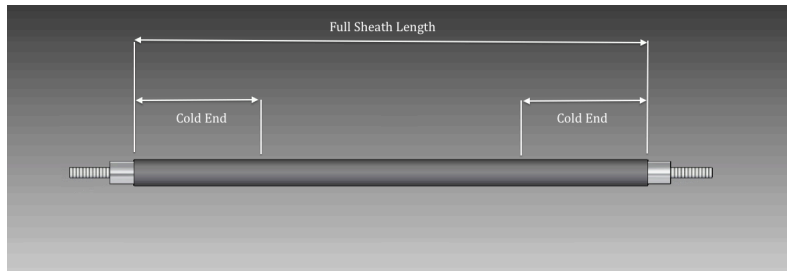
Construction

Tubular Swaged Elements are available in 6.3mm and 8mm diameter.

Sheath materials include:

- Incoloy ®
- Copper
- Mild steel
- 304 Stainless steel

The elements consist of a helically coiled 80/20 Nickel Chrome wire compacted in magnesium oxide and the full length is passed through swaging rollers to produce a heating element with high electrical resistance and high heat conductivity.



Product Details

- Working temperatures up to 850°C
- Maximum length up to 150" (3810mm)
- High resistance to shock and vibration
- Electrical tolerance – 7½ % on loading
- Working pressures up to 2000 p.s.i.

Mounting:

Elements can be supplied with various brackets, discs and clips fastened to them to facilitate installation. LPC also supplies flange mounted elements or can supply compression fittings.

Terminations:

A variety of termination styles are available on request.