

Applications: Hot runner molds, sprue brush, nozzle, pipe forming

Technical Specifications

Sheath Material	SS304 & SS316L
Maximum Operating Temperature	700°C (1300°F)
Insulation Material	High Purity MgO
Heating Elements	NiCr 80:20
In-built Thermocouple	"J" type (FE, K) / "K" type (Cr Al)
Connecting Wires	Stranded Bickel wires with PTFE coating
Different types of Termination Exits	Tangential, Radial & Axial
Voltage Range	Max.: 250V, Standard: 230 V
Power tolerance	± 10%
High Voltage Strength	Min. 800V-AC
Insulation Resistance	≥ 5 Ω
Current Leakage	≤ 0.5 mA



Features

- ▶ A very wide contact surface results in exceptionally high levels of thermal conductivity towards the body that needs to be heated
- ▶ Optimal insulation results in a very long life duration
- ▶ Heavy-duty construction results in very high resistance to mechanical shocks
- ▶ Optional built-in thermocouple for high-resolution temperature measuring (J-type standard; K-type on request)
- ▶ Heaters can be incorporated into brass or aluminum castings
- ▶ Wide range of straight standard heaters normally in stock, ready for coiling/shaping; Cross section available: 3mmx3.3mm and 2.2mm x 4mm. Other options are available as per requirement