

# Silicon Carbide / Foundry Tip Datasheet

## Chemical Corrosion Resistant Thermocouple Protection Tube

### Benefits

- Resistant to penetration by molten metal and dross which results in long life
- Eliminating potential metal contamination
- Excellent thermal shock
- High thermal conductivity and quick response time
- Stable over a wide range of temperatures
- Standard BSP threads for easy connection

### Typical Applications

- Holding wells
- Combination furnaces
- Filter Boxes

### Standard Options

Lengths                    150mm (6") to 1219mm (48")  
BSP Size                    21mm (1/2") or 26mm (3/4")

### Custom lengths available upon request

### Temperature Shock

The high Graphite and Silicon Carbide content (circa 90%) give the thermocouple protection tubes very high thermal shock resistance which allows repeated immersion into molten aluminium without risk of cracking.

### Connection

Standard 21mm (1/2") BSP Male thread  
Also available with 26mm (3/4") BSP Male thread



**Max. Temperature**  
Up to 1000°C



Marmon Electrical  
A Berkshire Hathaway Company



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