

## Thermocouples

**Rojan**, as agent for International Syalons (Newcastle) Limited, United Kingdom offer thermocouple protection sheaths (or thermowells) in a variety of different materials, each to suit process conditions.

They are designed to maximize thermal response whilst being capable of withstanding any deteriorating effects from the process. In the molten aluminium industry, syalon is the preferred material.

The Rojan Syalon thermocouples offer the following:

- high strength, toughness
- excellent thermal shock resistance
- resistance to corrosion
- constant temperature monitoring of the melt
- non-wetting to most non-ferrous alloys, making it resistant to build up of dross
- very low maintenance
- withstanding of a certain degree of mechanical shock
- high thermal conductivity

We can also manufacture thermocouples made of other materials and sizes to suit.

