



THERMOCOUPLE TECHNOLOGY, INC.

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HR160 ASSEMBLIES



FEATURES:

- *TTEC manufactures Thermocouple Assemblies for severe high temperature corrosive environments. These assemblies utilize an HR160 Thermowell or Protection Tube.*
- *HR160 is a solid, solution strengthened NI-Co-Cr-Si Alloy with outstanding resistance to various forms of high temperature corrosion attack.*
- *Outstanding High Temperature Corrosion Resistance. High levels of Cr & Si combine to form a very protective surface Oxide scale that resists attack from Sulfur, Chlorine, Fluorine, Vanadium, Phosphorous & Salt deposits to 2200 F (1204 C).*
- *Life extensions greater than 10x compared to Ni-Cr alloys & stainless steels are common.*

Applications:

- *Municipal, Industrial, Hazardous & Nuclear Waste Incinerators*
- *Utility Boilers*
- *Sulfur Furnaces*
- *Resource Recovery Units*
- *Fluidized Bed Combustion Systems*
- *High Temperature Furnaces, Kilns & Calciners*
- *Recuperators, Heat Exchangers & Waste Recovery Systems*
- *Cement Kilns*
- *Pulp & Paper Recovery Boilers*