

Materials used in Furnace Belts

- 37/18% Nickel Chrome** Commonly used in general Heat Treatment applications, this is a fully stabilised material capable of use anywhere in the 800°C - 1050°C temperature range.
- Type 314 Stainless Steel** A 25/20% alloy that is widely used in Metal Sintering applications, where operating temperatures are in the 1000°C - 1150°C range. There are problems if the operating temperature is allowed to fall below 950°C.
- 80/20% Nickel Chrome** Suitable for use up to 1050°C, this alloy is primarily found where Chloride is present, or where iron contamination of components must be avoided.
- Type 316 Stainless Steel** Used in specialist low-temperature applications up to 800°C such as the specialist brazing of aluminium components.
- Type 321 Stainless Steel** A high temperature 18/8% Stainless, suitable for use in applications up to 850°C. This is a modified version of the more common Type 304 Stainless.