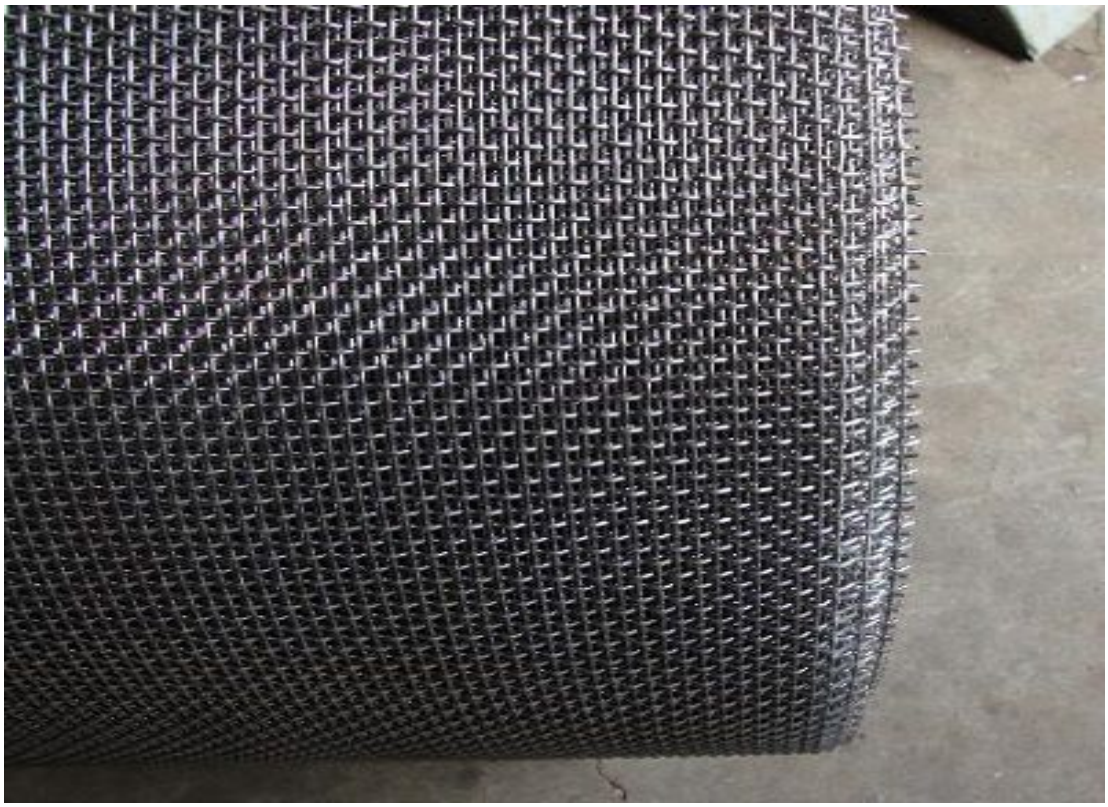
Kanthal Wire Mesh Heater

Kanthal is an iron-chromium-aluminum alloy with ferritic structure. It is used in the extremely high temperature applications for its great electric resistivity and outstanding oxidation resistance. It can be subjected into sulfur conditions and is not easily attacked that make it fit for use in the hot forms. Kanthal wire mesh offers maximum service temperature up to 1400oC or 2550oF which is significantly higher than Nichrome.

Due to its higher electric resistance than Nichrome, thinner wire is required to produce larger heat than its Nichrome counterpart.

Applications

Furnaces, Kilns, Floor heating mesh, Ovens, Petroleum industry, metallurgy, Textile, Vacuum heating, food processing equipments.