

Nichrome Wire Mesh Heater

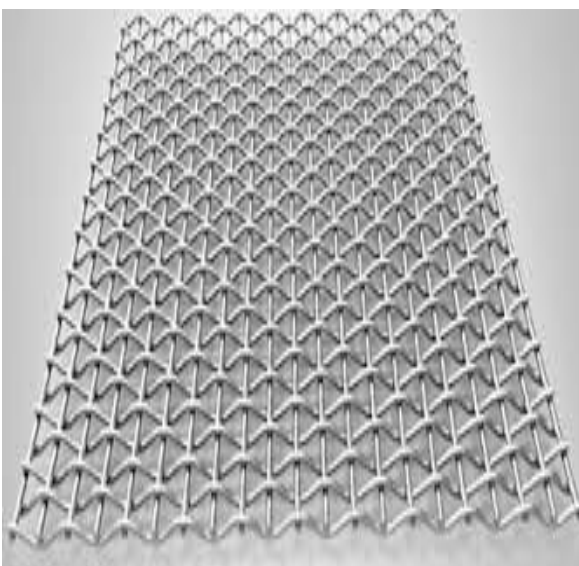
Nichrome wire mesh offers high electric resistance finding its use in the industrial applications such as ovens, furnaces, toasters and other heating elements. It offers maximum service temperature below 1250oC and works best in hair dryers, toasters and kilns.

Nichrome Mesh Heater Characteristics:

1. Corrosion, Rotting and Oxidation resistance
2. High temperature ratings. Nichrome has melting point about 1150oC.
3. High Electric resistance- with the production of more heat, resistance value increases. The electric resistance property mainly depends on volume, diameter and wire length. Thinner wire offers larger electric resistance than thicker wire.
4. Thermal expansion: Expansion occurs diameter and length wise at the high temperatures.

Nichrome Wire Mesh Heater Applications

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| 1. Ovens | 7. Glass units |
| 2. Cooking apparatus | 8. Cement boilers and kilns |
| 3. Electric heaters | 9. Water Heaters |
| 4. Iron mills | 10. Floor Heating |
| 5. Steel mills | 11. Gas Igniter for furnaces |
| 6. Spark Igniter | |



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