



INCONEL WIRE MESH

1 DESCRIPTION

Inconel Wire Mesh is a distinctive alloy metal, comprised of nickel, chromium, and molybdenum. This combination imparts exceptional resistance to corrosion and temperature oxidation. Notably, its non-magnetic properties render it versatile for a range of applications.

2 APPLICATIONS

Inconel wire mesh excels in various applications, showcasing its efficacy in shifting and filtering processes under acidic and alkaline conditions. It serves as a reliable slurry net in the petroleum industry and functions as a resilient sifting and screening mesh in both the chemical and chemical fiber sectors. Additionally, it provides optimal performance as an acid-washing mesh in the electroplating industry.

3 ADVANTAGES

Thermal Tech & Temp's Inconel Wire Mesh can be effortlessly cut, formed, and welded, offering exceptional heat resistance, non-magnetic properties, corrosion, and oxidation resistance. Additionally, it possesses impressive cold-formed functionality and ensures prolonged service life in high-temperature environments. The material exhibits high tensile strength, yield strength, and stability.

4 PROPERTY DATA

Characteristics:

Standard Wire Size
Base Metal
Melting Point

English Values:

0.011"
Iron (FE)
2700°F

Metric Values:

0.2794 mm
1482°C

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