



**Metal foils** can be a good alternative to other flexible substrates such as plastic because of several characteristics, including lower chemical sensitivity, lower air and moisture permeability, and the ability to withstand higher process temperatures.

Nickel is one of the elements in the periodic table with symbol Ni and atomic number 28. nickel foil has many attractive properties, including high chemical purity, an excellent surface finish and good etching characteristics, as well as retaining high corrosion resistance and strength as expected from a high-quality nickel base.

# NICKEL FOIL

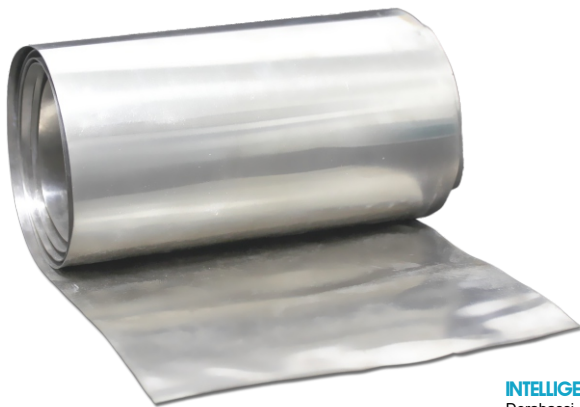
NS6130-12-000235

## Quick Facts:

Product	: Nickel Foil
Stock No	: NS6130-12-000235
CAS	: 7440-02-0
Purity	: 99.9%
Thickness	: 12µm (as per customer requirement)
Form	: Solid

## Product Feature:

- ✓ Low Density and High Strength.
- ✓ Excellent Corrosion Resistance.
- ✓ Good resistance to high temperature.
- ✓ Excellent Bearing to cryogenic property.
- ✓ Good thermal properties.
- ✓ Low Modulus of Elasticity.



## Application

- ✓ Metallurgy industry, chemical industry, machinery industry, Medical
- ✓ Rechargeable battery current collectors
- ✓ Electric light source parts, heat shield
- ✓ EMI shielding, electronic parts, printed circuit boards
- ✓ Computer, communications technology, optical materials, medicine
- ✓ Aerospace development, new energy materials, photosensitive material and catalyst materials

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