



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.

Lithium ion batteries can be found everywhere from phones and laptops to electric cars. The automotive industry is set to increase its demand for these batteries drastically in years to come. Lithium is used as an alloying agent with aluminum and magnesium, and in the manufacture of batteries.

LITHIUM FOIL

NS6130-12-001091

Quick Facts:

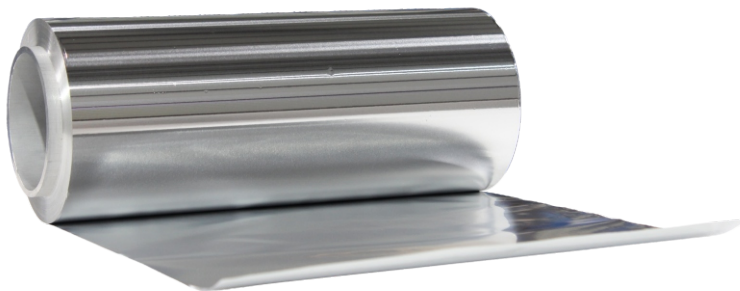
| | |
|----------|---|
| Product | : Lithium Foil |
| Stock No | : NS6130-12-001091 |
| CAS | : 7439-93-2 |
| Purity | : 99.9% |
| Size | : 0.1-0.2mm (as per customer requirement) |
| Form | : Solid |

Product Feature:

- ✓ High degree of electrical conductivity
- ✓ Low electrical resistivity
- ✓ Excellent surface and slit edge conditions
- ✓ Enhanced solderability as a result of low surface oxides
- ✓ Excellent formability with deep draw characteristics with reduced die wear
- ✓ Resistance to grain growth

Application

- ✓ Rechargeable Batteries (Nickel Metal Hydride, Lithium Ion)
- ✓ Metal Stampings
- ✓ Lead Frames
- ✓ Gaskets and Seals
- ✓ Lighting Applications
- ✓ Superconductor Applications



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