

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.

Magnesium is most often used as an anode material in rechargeable magnesium ion batteries, for welding electrodes, and for applications in the aerospace, petrochemical, medical and nuclear industries. It is a promising material for hydrogen storage as well. Early iterations of electrically ignited flash bulbs used magnesium ribbon and magnesium foil as their source of bright white light.

# MAGNESIUM FOIL

## NS6130-10-1340

### Quick Facts:

Product	: Magnesium Foil
Stock No	: NS6130-10-1340
CAS	: 7439-95-4
Purity	: 99.99%
Size	: 150×150mm (as per customer requirement)
Thickness	: 0.5mm (as per customer requirement)
Form	: Solid

### Product Feature:

- ✓ Good waterproof sealing abilities
- ✓ Good chemical resistance
- ✓ Light weight
- ✓ High temperature performance
- ✓ Easy & Economic in use

### Application

- ✓ Used for aircraft and automobile industries
- ✓ Used for chimney fittings and repair
- ✓ Used for batteries and capacitors
- ✓ Used for aerospace and defense
- ✓ Used as photodiodes in dye sensitized solar cells.
- ✓ Used for closure of soft and rigid air duct insulation in HVAC applications
- ✓ Used for Biomedical application, research applications
- ✓ Used for requiring a heat reflector



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