



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.

Copper is a chemical element with the symbol Cu and atomic number 29. Widely being used for electrical conductivity and in Radiator Fins, Copper Foils also remain high in demand to be used as cable wrap, batteries, motors, solar/alternative energy, circuit boards, and transformers. Being a versatile product, it is used for different roofing, structural engineering, EMI/RFI shielding, circuit boards, and heat exchanging.

# COPPER FOIL

NS6130-12-000064

## Quick Facts:

|          |                                       |
|----------|---------------------------------------|
| Product  | : Copper Foil                         |
| Stock No | : NS6130-12-000064                    |
| CAS      | : 7440-50-8                           |
| Purity   | : > 99.8%                             |
| Size     | : <20µm (as per customer requirement) |
| Form     | : Solid                               |

## Product Feature:

- ✓ Good viscosity, cold resistance;
- ✓ Mechanical resistance, moisture resistance;
- ✓ High thermal conductivity, oil & acid resistance;
- ✓ Ageing-resistance
- ✓ Flame retardant, easy to tear apart.
- ✓ Eco- friendly products and processes

## Application

- ✓ Heat Exchangers, Radiators
- ✓ Flexible Bus bars (jumpers)
- ✓ PCB's
- ✓ Switchgear Industry
- ✓ Transformers (Special round corners for Dry Transformers)
- ✓ Cables Industries
- ✓ Medical equipment, Food industry, Construction material, Kitchen utensils.
- ✓ EMI/RFI protection
- ✓ Anti-static discharge applications
- ✓ Manufacturer/Repair printed circuit boards
- ✓ Electrostatic applications



Follow us:



www.nanoshel.com | sales@nanoshel.com



### INTELLIGENT MATERIALS PVT LTD

Derabassi  
Punjab (140507)  
INDIA

+91 9779 550077, 9779238252

### NANOSHEL UK LIMITED

Chapel House,  
Chapel St Cheshire,  
CW12 4AB United Kingdom

+44 (0) 74 105 488, +44 203 137 5187

### NANOSHEL LLC

3422 Old Capitol Suit  
1305 Wilmington DE - 19808  
United States

+1 646 470 4911