

# Conductive Carbon Coated Aluminium Foil

## Conductive **CARBON Coated Aluminium Foil**

**Stock No.**  
NS6130-12-001094

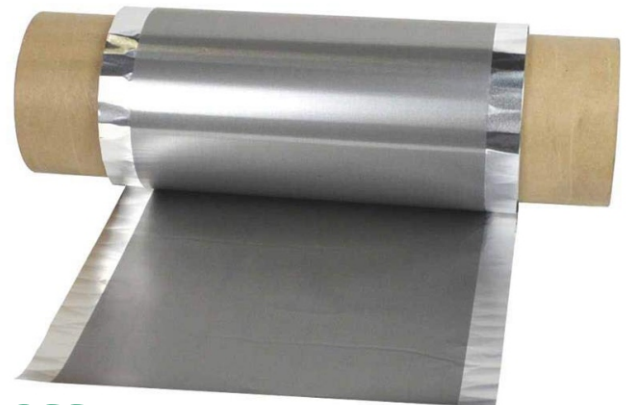
Conductive carbon coated aluminum foil is a trending substrate/current collector in battery R&D and industries. Compared with bare aluminum foil, the conductive carbon coated aluminum foil has several advantages, such as:

- ✓ Improved electrical conductivity and less internal resistance
- ✓ Improve the consistency, increase the battery cycle life;
- ✓ Improve the adhesion of and active materials, reduce the pole piece manufacturing cost;
- ✓ Improved adhesion at active layer/current collector interface
- ✓ Inhibition of cell polarization and short circuit caused by dendrite growth
- ✓ Protect collection of fluid from the electrolyte corrosion

### TECHNICAL Specifications

- ✓ Density : 3V,(CR2025)
- ✓ Surface Resistivity : < 30 Ohms per 25um<sup>2</sup>
- ✓ Double Side Coating : 1-micron thickness each side

**Purity**  
99.9%



**Thickness**  
16µm



202ICE4589C



19ZAZG01274G



202ICE4588M

ISO 9001:2015  
CERTIFIED COMPANY

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