



## TECHNICAL DATA SHEET

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### **PRODUCT:** Graphene Armored Aluminum Current Collector

Graphene CAS# 7782-42-5

Aluminum CAS# 7429-90-5

### **DESCRIPTION:**

Graphene (<50 nm thickness) armored onto aluminum foil substrate as a current collector for Lithium-ion Batteries



Graphene layer

Aluminum foil

Graphene layer

### **PRODUCT DETAILS:**

Graphene Layer Thickness: 30 - 50 nm

Width: 410 mm

Areal Density: 37 - 39 g/m<sup>2</sup>

Electrical Conductivity (in plane): 3.0 x10<sup>5</sup> - 3.1 x10<sup>5</sup> S/cm

Anti-Oxidation (200°C - 30 minutes): No color change

Storage: Store product at room temperature (<50°C) with low humidity

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Please contact Global Graphene Group for the most current technical information.

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