

FluxBatteryHub

Technical Data Sheet

Nickel Foil (Ni)

Document ID: TDS-LA046 | Document type: Product Technical Datasheet

1. Product Identification

Field	Information
Product name	Nickel Foil (Ni)
SKU / product family	LA046 series
Product category	Metal foil / current collector
Material / chemistry	Nickel
CAS number	Not specified
Document type	Product Technical Datasheet

2. Product Description

Nickel Foil (Ni) is a metal foil / current collector for battery and electrochemical research. It is intended for laboratory-scale evaluation, component selection, sample preparation, or cell assembly consistent with the product category. The listed material or chemistry is Nickel. Refer to the Technical Data and Available Configurations sections for verified reference values and SKU formats. Confirm compatibility with the intended electrolyte, process conditions, and cell design before purchase or validation.

3. Technical Data

Technical values are provided for product selection reference and may vary by batch.

Property	Unit	Typical / Reference Value
LA046-1	—	0.002 × 40 mm × 1 m
LA046-2	—	0.003 × 40 mm × 1 m
LA046-3	—	0.004 × 40 mm × 1 m
LA046-4	—	0.005 × 100 mm × 1 m
LA046-5	—	0.01 × 100 mm × 1 m
LA046-6	—	0.015 × 100 mm × 1 m
LA046-7	—	0.025 × 150 mm × 1 m
LA046-8	—	0.03 × 150 mm × 1 m
LA046-9	—	0.05 × 150 mm × 1 m
LA046-10	—	0.1 × 100 mm × 1 m
LA046-11	—	0.2 × 100 mm × 1 m
LA046-12	—	0.3 × 100 mm × 1 m

4. Available Configurations

SKU	Configuration / Pack Format
Not specified	Not specified

5. Intended Applications

- Battery electrode preparation and current collector evaluation
- Coin cell and pouch cell prototyping
- Laboratory-scale electrochemical testing

6. Storage and Handling

Store in a clean, dry environment at room temperature unless otherwise specified by supplier documentation. Keep away from moisture, contamination, direct sunlight, and incompatible chemicals.

7. Safety and Regulatory Information

This TDS is not a Safety Data Sheet. For SDS, hazard classification, exposure controls, transport, storage, handling, and disposal information, please contact FluxBatteryHub for available supplier documentation.

8. Notes and Disclaimer

Technical values are provided for product selection and research reference only. Typical, nominal, or reference values are not release specifications and are not current-batch COA results. Final specifications may vary by batch and should be confirmed with FluxBatteryHub before purchase, process validation, or regulated use.