PRODUCT INFORMATION / 2026-11-05

Precision Copper-Clad Aluminum Foil

A thin metal conductor with copper surfaces and an aluminum core. Available in widths of 0.5–12 mm for narrow foil conductors. Match total gauge, copper layers, edges and roll format to your winding, forming or joining process.

Available width	0.5–12 mm
Construction	Copper cladding with an aluminum core
Section	Width and thickness paired with copper coverage, temper and edges.
Copper ratio	Volume/area or mass basis identified with the layers.
Electrical requirement	Finished resistance at the specified measurement temperature.
Roll format	Core, roll dimensions, winding direction and joints.

Processing and application

Specify total foil gauge and the copper-layer structure separately. Width, thickness uniformity, edge burr, surface condition, core size and roll build connect the foil to the customer's unwinding and downstream process.

For a narrow foil winding, match the available section to winding space and the termination. Compare DC resistance, operating-frequency loss and temperature rise using the actual winding design. A metal Cu/Al composite foil is distinct from polymer-based composite copper foil.

Compare the purchasing scope

Choose equal geometry, equal DC resistance, or the same component acceptance requirement. Material purchasing cost = purchased mass × finished-material price. The reduction denominator is the purchasing cost of the replaced strip or foil; joining, coating and other component costs are separate.

Start with your current specification

Send width × thickness or a drawing, application and quantity. Detailed parameters can be developed during the discussion.

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