

AL-CU

Aluminum - Copper



**Wickeder
Westfalenstahl**

Wickeder Group

Clad Materials

A clad material combines two or more metal strips by bonding them together. By bonding different combinations of metals, the advantages of the individual metals are combined into a composite that is tailored to your specific product needs and requirements.

Copper	Aluminum
Aluminum	Copper
2-layer	2-layer
Copper	Aluminum
Aluminum	Copper
Copper	Aluminum
3-layer	3-layer

Need more
information?

We will be
pleased to help you.

Please, contact us:
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Advantages

- › almost no contact resistance Al-Cu
- › weight advantage of more than 70 % compared to homogeneous copper
- › good electrical and thermal conductivity, specifically adjustable
- › good heat dissipation, specifically adjustable

Standard sizes	Al-Cu-Al / Al-Cu	Cu -Al	Cu-Al-Cu
Strip width	20 - 500 mm	20 - 500 mm	20 - 500 mm
Strip gauge	0,3 - 2,0 mm	0,4 - 6,0 mm	0,5 - 6,0 mm
Clad gauge	5 - 20 %	10 - 40 %	10 - 20 %
Core material	Cu	Al	Al
Clad material	Al	Cu	Cu
Delivery forms	coils, sheets	coils, sheets	coils, sheets
Surface finish	bright	bright	bright

Further combinations and dimensions on request

