



Grounding accessories



- for grounding at the equipotential bonding of construction fabrics, shielding fleeces, and shielding paint
- conductive adhesive surfaces with adhesive cover
- for secure shielding of electric alternating fields
- Electrically conductive ground strap for connection to equipotential bonding. The band is used for "grounding" several sheets of shielding fleece (Rubens Light), shielding fabrics (Adamantan 003), or of surfaces with painted shielding colors (NF45, HF65).

Both the fleece layer as well as the adhesive layer of the self-adhesive ground strap are constructed so as to be electrically conductive. The band can thus be attached on as well as beneath shielding paint, for example. Biologa recommends initially gluing the band in the socket area and then coating it with shielding paint. This provides an optimal hold of the band on the wall.

- **IMPORTANT!**
Fixing the ground strap AEB 3.0 does not need to be carried out by a qualified electrician. You can do this yourself beforehand.

All electric work (connection of the grounding plate to the equipotential bonding, work with electric devices and systems) must be carried out and inspected by a qualified electrician or under their guidance and supervision!

Only use the ground strap in dry interior rooms at a normal temperature. No open outdoor use!

Grounding accessories

Ground strap AEB 3.0

Technical data

length:	by the meter / roll 33 meters
width:	30 mm
thickness:	~ 0.27 mm ± 10 %
colour:	copper / engraved
grammage:	90 g/m ² ± 10 %
electrical conductivity:	~ 0.02 Ω/□
binding strength:	~ 2N / 10 mm
thermal stress: (permanent)	-30 °C - +90 °C
composition:	polyamide fleece, coppered/ tin-plated (PBN2), acrylate adhesive, electrically conductive
corrosion behaviour:	excellent conductive protection against galvanic corrosion through tin covering of copper (6x better than with nickel surface)
features:	adhesive cover, removal strip
shield attenuation:	max. ~ 80 dB (> 99.99999 %)

Scope of application

roof area inside
wall and roof area inside
floor area (beneath floating floors, parquet, and wooden floorboards)
bedrooms and children's rooms

Required for the following products

high-frequency shielding paint	HF65
low-frequency shielding paint	NF45
low-frequency shielding fleece	Rubens Light
shielding fabric	Adamantan 003



Order-No.: 710610
Short-Desc.: AEB 3,0 - Metre goods