# CONDUCTIVE ALUMINIUM TAPES RAI-SERIES



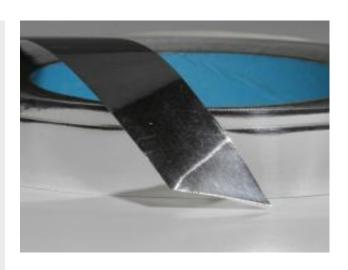
**Conductive aluminium tapes** have excellent electromagnetic conductivity.

Aluminium tapes can be cut to any width starting at 6 mm. They are supplied with a conductive adhesive as standard.

Depending on the customer's needs, the tapes are delivered on roll or cut to length. The standard roll length are 50 meters.

Kiss-cut parts and stripes are also possible to order.

- Standard roll length: 50 m
- Available in a width range from 6 to 60 mm as standard
- Additional width available up to 500 mm on request
- Conductive adhesive tape as standard
- Kiss-cut parts and stripes available on request
- Available on roll or cut to length
- Halogen-free















## PRODUCT SPECIFICATIONS

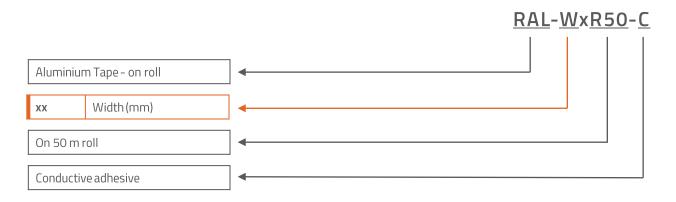
PROPERTY		VALUE / TOLERANCE	TEST METHOD
Basic material	Aluminium foil	40 µm	-
Adhesive tape	Acryl + Nickel powder Electrically conductive	25 μm	-
Release liner	Single silicone treated paper	125 µm	-
Total thickness		65 μm ± 10	ASTM D 3652
Standard width range		6 – 500 mm	-
Standard roll length		50 m	-
Adhesive force		>1000 gf/in	ASTM D 3330
Surfaceresistance		max. 0,5 Ω/□	MIL DTL 83528C
Volumeresistance		max. 0,1 Ω-cm	MIL DTL 83528C
ElectromagneticShield (Low Frequency)		>60 dB	ASTM D 4935
Electromagnetic Shield (High Frequency)		>50 dB	ASTM D 4935
Temperature range		-20 – 80 °C	-
Shelf life°		12 months	-

 $<sup>^\</sup>circ From$  date of receipt by the customer when stored at 23  $^\circ C$  / 60%rH

## CONDUCTIVE ALUMINIUM TAPES



## **BUILDING AN ITEM NUMBER**

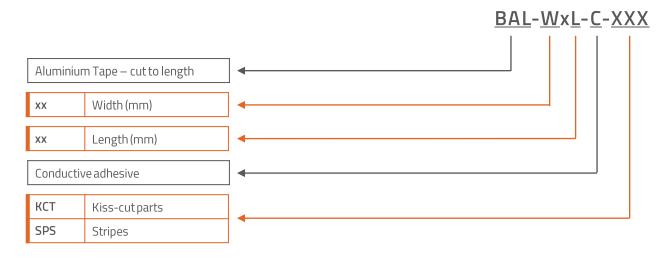


### Standard options

#### **EXAMPLE**

#### RAL-25xR50-C

Conductive aluminium tape on roll; width: 25 mm; length roll: 50 m; with conductive adhesive



### Standard options

#### **EXAMPLE**

#### BAL-25x30-C-KCT

Conductive aluminium tape – cut to length; width: 25 mm; length: 30 mm; with conductive adhesive; kiss-cut parts

Modifications and errors excepted. The information and statements herein are believed to be reliable but are not to be construed as a warranty or representation for which we assume legal responsibility. Users should undertake sufficient verifications and testings to determine the suitability for their own particular purpose of any information or products referred to herein.