

Conductive Tapes 3200



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1. Metal Tape with conductive self-adhesive 3201, 3202 & 3203

These tapes can be cut in all widths from 3 mm wide and can be delivered from stock. Standard are the 16.5 meter rolls. A width of 25 mm is the most common used size. When you need to cover bigger surfaces contact our engineers for than you can possible better use this tape together with copper foil with a non-conductive adhesive for this is cheaper.

Applications: electrical connection between surfaces (sheets / foils), die-cuts, mounting transparent foils, shielding in housings, shielding cables, temporary shielding during tests (see also shielding foils).

There are three types of metal tape with conductive adhesive available:

Copper tape with conductive adhesive part 3201

A soft metal foil with a highly conductive self-adhesive on one side, with a release liner.

Tinned copper tape part 3202

As tape 3201 but than with a tin layer for corrosion protection and better solder ability.

Aluminium tape part 3203

Special developed for aluminium housings and frames to prevent galvanic corrosion.



2. Contact Surface Tape 3204

A metal tape with a highly conductive self-adhesive on one side and a masking tape on the other side.

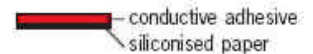
This contact surface tape is used to improve the corrosion resistance of construction metals (like un treated steel plates), or to improve the galvanic compatibility when 2 metal parts are connected with a gasket.

After the parts have been coated, the paint overlaps the metal tape to increase the bonding.



3. Mounting tape 3205

A double-sided self-adhesive transfer tape for mounting purposes. This system can be applied much faster than a conductive glue and can be applied very accurately. No time required for curing (pressure sensitive version) For lower resistance and or to fill gaps with a rough surface we advise you the shieldokit electrical conductive 2 components adhesive (See page 27).



4. Die-cut mounting tape 3206

A soft metal foil, laminated on 2 sides with a conductive self-adhesive. This is only available in sheets.



part nr.	3201	3202	3203	3204	3205	3206
construction						
foil material	soft copper	soft copper	aluminium	soft copper	-	soft copper
surface	bright	tinned	bright	bright	-	-
foil thickness	0.035 mm	0.035 mm	0.040 mm	0.035 mm	-	0.035 mm
total thickness	0.060 mm	0.060 mm	0.065 mm	0.060 mm	0.050 mm	0.065 mm
adhesive	synthetic conductive resin	synthetic conductive resin	synthetic conductive resin	synthetic conductive resin	synthetic conductive resin	synthetic conductive resin
adhesive performance	4.5 N/cm	4.5 N/cm	4.5 N/cm	4.5 N/cm	4.5 N/cm	4.5 N/cm
tensile strength	55 N/cm	40 N/cm	25 N/cm	55 N/cm	-	55 N/cm
temperature resistance	155°C	155°C	155°C	155°C	155°C	155°C
el. resistance through adhesive	0.003 Ohm	0.003 Ohm	0.003 Ohm	0.003 Ohm	0.003 Ohm	0.003 Ohm
standard roll widths (mm)	10, 25, 50, 100	10, 25, 50, 100	10, 25, 50, 100	10, 25, 50, 100	10, 25, 50, 100	10, 25, 50, 100
roll lengths	16.5/33/ 50 m	16.5/33/ 50 m	16.5/33/ 50 m	16.5/33/ 50 m	16.5/33/ 50 m	16.5/33/ 50 m

Contact Surface Tape with masking 3204

