



Conductive Tape

Conductive ElectroTape

A soft conductive foil is laminated to a conductive acrylic adhesive which is protected by a siliconised paper cover. The foils can either be supplied with bright surface or with tin plating. Beside the standard widths other dimensions per customer specification are possible. In this case there is a min. quantity of reels which is determined by the master reel with a width of 11,811 inch (300 mm) out of which the individual reels have to be cut.

Also available:

With conductive acrylic adhesive on both sides.

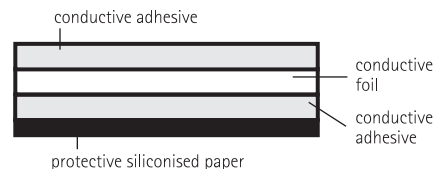


Part No.	8271-xxxx-39	8271-xxxx-76	8277-xxxx-77	8277-xxxx-39	8277-xxxx-76
Foil material	soft copper	soft copper	soft aluminium	soft copper	soft copper
Surface	bright + clean	tin plated	bright + clean	bright + clean	tin plated
Thickness foil material	0,001 (0,035)	0,001 (0,035)	0,002 (0,040)	0,001 (0,035)	0,001 (0,035)
Thickness incl. Adhesive	0,002 (0,065)	0,002 (0,065)	0,003 (0,070)	0,003 (0,085)	0,003 (0,085)
Adhesive	electrically conductive acrylic	electrically conductive acrylic	electrically conductive acrylic	electrically conductive acrylic	electrically conductive acrylic
Protective cover over foil material	no	no	no	not applicable	not applicable
Adhesive performance	4,5 N/cm	4,5 N/cm	4,5 N/cm	5 N/cm	5 N/cm
Tensile strength	50 N/cm	40 N/cm	25 N/cm	55 N/cm	40 N/cm
Tear elongation	6 - 10%	5%	8%	-	5%
Max. temp. contin.	+ 150°C	+ 150°C	+ 150°C	+ 150°C	+ 150°C
Width of foil in mm	12-20-25	12-20-25	12-20-25	12-20-25	12-20-25
Length/reel in m	33	33	33	33	33
Resistance along foil	0,002 Ω	0,002 Ω	<1 Ω	not applicable	not applicable
Resistance through foil	<0,1 Ω	<0,1 Ω	<1 Ω	<0,1 Ω	<0,1 Ω
Listing per	MIL-T-47012	-	MIL-T-47012	-	-
Construction	Foil 1	Foil 1	Foil 1	Foil 2	Foil 2

Foil 1



Foil 2



Ordering Code

The ordering code consists of the partgroups, reel width and material code:

8271-0020-76



material code
reel width
partgroups

For length and widths not shown, design assistance, samples, or further information, contact our sales department.

All dimensions shown are in inches (millimeters) unless otherwise specified.