



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.

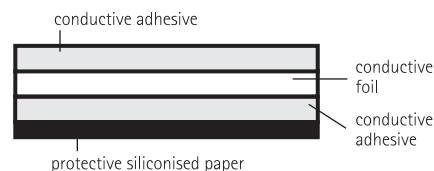


| Part No. | 8271-xxxx-39 | 8271-xxxx-76 | 8277-xxxx-77 | 8277-xxxx-39 | 8277-xxxx-76 |
|-------------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|
| Foil 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.