

tesa® 60272

50µm double sided black electrically conductive non-woven tape

tesa® 60272 is a black double sided electrically conductive self adhesive tape. It consists of an electrically conductive non-woven backing and an electrically conductive acrylic adhesive.

tesa® 60272 features especially:

- Color: black
- Thickness: 50µm
- Excellent electrical conductivity in XYZ-direction even at high temperatures and humidity
- High adhesion level even at harsh environmental conditions
- Excellent conformability and adjustment to uneven surfaces
- Very good die-cuttability

Main Application

- EMC applications, such as grounding
- Electrostatic discharge applications

Technical Data

▪ Backing material	conductive non-woven	▪ Color of liner	white/blue logo
▪ Color	black	▪ Thickness of liner	120 µm
▪ Type of adhesive	conductive acrylic	▪ Release of liner	4.7 mils
▪ Adhesion to Steel (initial)	4.7 N/cm	▪ Temperature resistance short term	easy
	42.9 oz/in	▪ Contact resistance z-direction (initial)	200 °C
▪ Adhesion to Steel (after 14 days)	6.1 N/cm	▪ Surface resistance x-y-direction	392 °F
	55.7 oz/in		0.02 Ohm / square inch
▪ Type of liner	PE-coated paper		0.2 Ohm / square

Properties

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| ▪ Static shear resistance at 73,4 °F | ●●●● | ▪ Static shear resistance at 104 °F | ●●●● |
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Evaluation across relevant tesa® assortment: ●●●● very good ●●● good ●● medium ● low

For latest information on this product please visit <http://l.tesa.com/?ip=60272>

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