



tesa® 60234

Product Information

55µm/2.2 mils single sided matte black electrically conductive tape xyz-axis

Product Description

tesa® 60234 is a matte black single sided electrically conductive self adhesive tape. It consists of a matte black electrically conductive fabric backing which is coated with black electrically conductive acrylic adhesive.

tesa® 60234 features especially:

- Thickness: 55µm/2.2 mils
- Excellent electrical conductivity in XYZ-direction for very good grounding performance
- High adhesion level even at harsh environmental conditions avoids edge lifting
- Minimized curling for easy processing and lamination
- Matte black surface (low gloss) with anti-finger print and solvent resistant characteristic

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Application Fields

- Edge wrapping and grounding of electronic components

Technical Information (average values)

The values in this section should be considered representative or typical only and should not be used for specification purposes.

Product Construction

• Backing	Black conductive fabric	• Color	matte black
• Type of adhesive	conductive acrylic	• Color of liner	transparent
• Type of liner	PET	• Thickness of liner	50 µm
• Total thickness	55 µm		2 mils
	2.2 mils		



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Product Information

Properties/Performance Values

- | | | | |
|--|------------------------|---|------------------|
| • Contact resistance z-direction (initial) | 0.05 Ohm / square inch | • Surface resistance x-y-direction (adhesive) | 0.2 Ohm / square |
| • Static shear resistance at 23°C | good | • Surface resistance x-y-direction (backing) | 0.3 Ohm / square |
| • Static shear resistance at 40°C | good | • Temperature resistance short term | 200 °C
392 °F |

Adhesion to Values

- | | |
|-------------------------|------------------------|
| • Steel (after 14 days) | 6.5 N/cm
59.4 oz/in |
|-------------------------|------------------------|

Disclaimer

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