



tesa® 60231

Product Information

25µm single-sided matte black electrically conductive tape xyz-axis

Product Description

tesa® 60231 is a ultra-thin matte black single sided electrically conductive self adhesive tape.

It consists of a electrically conductive fabric backing which is coated with black electrically conductive acrylic adhesive.

tesa® 60231 features especially:

- * Ultra-thin single sided conductive tape for thin application
- * Excellent electrical conductivity in xyz-direction and good shielding performance
- * Good adhesion level even at harsh environmental conditions avoids edge lifting
- * Easy processing and lamination
- * Matte black surface (low gloss) with anti fingerprint and solvent resistant characteristic

Product Features

- Ultra-thin single sided conductive tape for thin application
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Application Fields

- Matte black conductive covering and shielding
- * Edge wrapping 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.



tesa[®] 60231

Product Information

Product Construction

• Backing	conductive non-woven	• Color	matte black
• Type of adhesive	conductive acrylic	• Color of liner	transparent
• Type of liner	PET	• Thickness of liner	50 µm
• Total thickness	25 µm		

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, medium	• Surface resistance x-y-direction (backing)	0.3 Ohm / square
• Static shear resistance at 40°C	good, medium	• Temperature resistance short term	200 °C

Adhesion to Values

• Steel (after 14 days)	4.1 N/cm
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