

60381



Product Information

50µm double sided gray electrically conductive woven tape

tesa® 60381 is a gray double sided electrically conductive self-adhesive tape. It consists of an electrically conductive woven backing and an electrically conductive acrylic adhesive.

tesa® 60381 features especially:

- High bonding performance with very high peel adhesion level
- Excellent anti-repulsion performance
- Good electrical conductivity in XYZ-direction even at high temperatures and humidity
- Good tear resistance

Main Application

- EMC applications
- * FPC grounding
- * Antenna grounding
- * Electrostatic discharge applications

Technical Information (average values)

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

Technical Data

• Backing material	conductive woven	• Thickness of liner	23 µm
• Color	grey	• Release of liner	easy
• Total thickness	50 µm	• Temperature resistance short term	180 °C
• Type of adhesive	conductive acrylic	• Contact resistance z-direction (initial)	0.06 Ohm / square inch
• Type of liner	PET	• Surface resistance x-y-direction	0.3 Ohm / square
• Colour of liner	transparent		

Adhesion to

- | | | | |
|-------------------|----------|-------------------------|-----------|
| • Steel (initial) | 8.0 N/cm | • Steel (after 14 days) | 10.0 N/cm |
|-------------------|----------|-------------------------|-----------|

Properties

- | | | | |
|-----------------------------------|------|-----------------------------------|------|
| • Static shear resistance at 23°C | ●●●● | • Static shear resistance at 40°C | ●●●● |
|-----------------------------------|------|-----------------------------------|------|

Evaluation across relevant tesa® assortment: ●●●● very good ●●● good ●● medium ● low

Additional Information

- 50µm tight release liner (outside of the roll)
- * 23µm easy release liner

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Disclaimer

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