

# Technical Data Sheet

## C3905 Electrically Conductive Fabric Double-coated PSA

### Features

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- Electrically conductive fabric and pressure-sensitive adhesive
- XYZ conductivity through the adhesive
- Good adhesion and workability

### Structure

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|-------------------|------------------------------|---------------------|
| • Carrier         | E. Conductive fabric (Cu/Ni) |                     |
| • Adhesion type   | E. Conductive adhesive       |                     |
| • Appearance      | Grey                         | Visual inspection   |
| • Total thickness | 50 $\mu\text{m}$             | Modified ASTM D3652 |

### Properties

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|----------------------|------------------------------------|------------------------------|
| • 180° Peel strength | 1,200 gf / 25 mm                   | Modified ASTM D3330 (SUS304) |
| • Surface resistance | Less than 0.2 $\Omega/\text{in}^2$ | Modified MIL-DTL-83528       |
| • Volume resistance  | Less than 0.1 $\Omega/\text{in}^2$ | Modified MIL-DTL-83528       |

### Applications

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- EMI shielding parts
- PCB and other parts grounding

Pente Grading: Excellent – Good – Normal

**NOTES:** The data and recommendations related to the products above are based on information believed to be reliable, but the accuracy or completeness is not guaranteed. Before using this product, the user must evaluate it and determine if it is suitable for the intended application. Pente-m Solutions, LLC. makes no warranties for suitability of a particular purpose. User is responsible for determining whether the product is appropriate for a particular purpose and suitable for user's application. Please note that many factors can affect the use and performance of a product in a particular application. For additional information or support, please contact us.