



# tesa<sup>®</sup> 7905

## Product Information

5 µm single sided matte black filmic tape

### Product Description

tesa<sup>®</sup> 7905 is a matte black single sided tape consisting of an ultra-thin PET film backing and tackified acrylic adhesive

### Product Features

- Thickness: 5µm
- Strong reliable bonding force
- Refined matte black color tone
- Low gloss level of 2.9 %
- Excellent anti-fingerprint performance
- Excellent solvent-resistance
- Good light blocking

### Application Fields

- Graphite sheet protection
- Magnetic sheet protection
- Ultrathin covering on various components in smartphone and tablet

### 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          | PET film | • Total thickness    | 5 µm        |
| • Type of adhesive | acrylic  | • Color of liner     | transparent |
| • Type of liner    | PET      | • Thickness of liner | 50 µm       |

### Properties/Performance Values

- |                                |         |                                     |        |
|--------------------------------|---------|-------------------------------------|--------|
| • Elongation at break          | 10 %    | • Optical density                   | 1.2    |
| • Tensile strength             | 30 N/cm | • Temperature resistance short term | 140 °C |
| • Dielectric breakdown voltage | 700 V   |                                     |        |

### Adhesion to Values

- |                        |          |                         |          |
|------------------------|----------|-------------------------|----------|
| • ASTM (initial)       | 0.9 N/cm | • Glass (after 14 days) | 1 N/cm   |
| • ASTM (after 14 days) | 1 N/cm   | • PC (initial)          | 0.9 N/cm |
| • Glass (initial)      | 1 N/cm   | • PC (after 14 days)    | 1.4 N/cm |

For latest information on this product please visit <http://l.tesa.com/?ip=07905>



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## Product Information

### Disclaimer

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