



# tesa<sup>®</sup> 52050

## Product Information



50µm s/s Protective Blue PET tape

## Product Description

tesa<sup>®</sup> 52050 is blue single-sided self-adhesive tape consisting of a PET backing and a modified acrylic adhesive.

## Product Features

- Thickness: 50µm
- Reliable bonding strength
- Excellent anti-repulsion property
- Good insulation property
- Good puncture resistance

## Application Fields

- FPC covering
- Components protection

## 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    | 50 µm       |
| • Type of adhesive | acrylic  | • Color of liner     | transparent |
| • Type of liner    | PET      | • Thickness of liner | 50 µm       |

## Properties/Performance Values

- |                       |         |                                     |        |
|-----------------------|---------|-------------------------------------|--------|
| • Elongation at break | 30 %    | • Temperature resistance long term  | 80 °C  |
| • Tensile strength    | 22 N/cm | • Temperature resistance short term | 140 °C |

## Adhesion to Values

- |                      |          |                         |          |
|----------------------|----------|-------------------------|----------|
| • PC (initial)       | 4 N/cm   | • Steel (initial)       | 4.2 N/cm |
| • PC (after 14 days) | 5.2 N/cm | • Steel (after 14 days) | 5.4 N/cm |



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## Product Information

### Disclaimer

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For latest information on this product please visit <http://l.tesa.com/?ip=52050>