



# tesa<sup>®</sup> 60654

## Product Information



Aluminum laminated PET tape

### Product Description

tesa<sup>®</sup> 60654 is a single-coated adhesive tape with a polyester-aluminum laminate as a backing. The polyester film on the outer layer is coated with a silicone-based release system. The aluminum foil in the inner layer is coated with a transparent acrylic adhesive. The product comes without additional liner.

### Product Features

- The aluminum layer ensures thermal conductivity to increase heat transfer
- The PET layer enhances the dispensing performance of the tapes
- Excellent conformability enables a tight bond of the cooling tubes to the refrigerator housing
- The tape has a very good initial adhesion to relevant plastics and metals

### Application Fields

- Developed especially for the white goods industry
- The tape is used in the automated production of refrigerators and freezers
- It bonds the metallic cooling tubes to the plastic bodies

### 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          | Al-PET barrier laminate | • Total thickness   | 90 µm    |
| • Type of adhesive | modified acrylic        | • Thickness of tape | _NULL µm |
| • Type of liner    | none                    |                     |          |

### Properties/Performance Values

- |                              |         |                               |        |
|------------------------------|---------|-------------------------------|--------|
| • Elongation at break        | 13 %    | • Operation temperature up to | 120 °C |
| • Tensile strength           | 60 N/cm | • Temperature resistance min. | -20 °C |
| • Operation temperature from | -20 °C  |                               |        |

### Adhesion to Values

- |           |          |         |         |
|-----------|----------|---------|---------|
| • Backing | 0.2 N/cm | • Steel | 10 N/cm |
|-----------|----------|---------|---------|



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### Disclaimer

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