

# tesa® 60614

## Product Information



### Aluminum laminated PET tape

#### Product Description

tesa® 60614 is a single-sided adhesive tape with a polyester-aluminum laminate as a backing. The polyester film on the outer layer is coated with a silicone-free 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   | 45 µm    |
| • Type of adhesive | acrylic                 | • Thickness of tape | _NULL µm |
| • Type of liner    | none                    |                     |          |

#### Properties/Performance Values

- |                       |         |                               |        |
|-----------------------|---------|-------------------------------|--------|
| • Elongation at break | 30 %    | • Operation temperature from  | -20 °C |
| • Tensile strength    | 30 N/cm | • Operation temperature up to | 120 °C |
| • Easy to remove      | no      |                               |        |

#### Adhesion to Values

- |           |        |         |        |
|-----------|--------|---------|--------|
| • Backing | 2 N/cm | • Steel | 6 N/cm |
|-----------|--------|---------|--------|

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### Disclaimer

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