



# tesa® 60644

## Product Information



Aluminum laminated PET tape

### Product Description

tesa® 60644 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   | 70 µm    |
| • Type of adhesive | modified acrylic        | • Thickness of tape | _NULL µm |
| • Type of liner    | none                    |                     |          |

### Properties/Performance Values

- |                              |         |                               |        |
|------------------------------|---------|-------------------------------|--------|
| • Elongation at break        | 10 %    | • Operation temperature up to | 120 °C |
| • Tensile strength           | 40 N/cm | • Temperature resistance min. | -20 °C |
| • Operation temperature from | -20 °C  |                               |        |

### Adhesion to Values

- |           |          |         |          |
|-----------|----------|---------|----------|
| • Backing | 0.2 N/cm | • Steel | 7.2 N/cm |
|-----------|----------|---------|----------|



# tesa<sup>®</sup> 60644

## Product Information

### Disclaimer

tesa<sup>®</sup> products prove their impressive quality day in, day out in demanding conditions and are regularly subjected to strict controls. All information and recommendations are provided to the best of our knowledge on the basis of our practical experience. Nevertheless tesa SE can make no warranties, express or implied, including, but not limited to any implied warranty of merchantability or fitness for a particular purpose. Therefore, the user is responsible for determining whether the tesa<sup>®</sup> product is fit for a particular purpose and suitable for the user's method of application. If you are in any doubt, our technical support staff will be glad to support you.



For latest information on this product please visit <http://l.tesa.com/?ip=60644>