



tesa® 60642

Product Information



Aluminum tape with paper liner - 40µm foil

Product Description

tesa® 60642 is a basic aluminum tape for thermal insulation strapping, joining and sealing application. It consists of a 40 µm aluminum foil, transparent synthetic rubber adhesive and an 85µm siliconized paper liner

Product Features

- Balanced stability and conformability
- Good initial tack
- Easily removable liner
- Barrier against moisture, gases and vapors
- Heat and light reflective
- Flame retardant according to BS476, class 0

Application Fields

- Joining and sealing of thermal insulation, ducts and pipes
- To reflect heat radiation

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 | aluminium foil | • Color of liner | white |
| • Type of adhesive | synthetic rubber | • Thickness of liner | 85 µm |
| • Type of liner | paper | • Thickness of tape | _NULL µm |
| • Total thickness | 80 µm | | |

Properties/Performance Values

- | | | | |
|-------------------------------|------------|-------------------------------|-----------|
| • Elongation at break | 5 % | • Operation temperature from | -20 °C |
| • Tensile strength | 21 N/cm | • Operation temperature up to | 60 °C |
| • Abrasion resistance | very good | • Release of liner | easy |
| • Backing appearance (visual) | reflective | • Suitable for die cutting | yes |
| • Hand tearability | very good | • Tack | very good |
| • Liner release force | 0.3 N/cm | • Temperature resistance min. | -20 °C |

Adhesion to Values

- | | |
|---------|--------|
| • Steel | 8 N/cm |
|---------|--------|

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Additional Information

The total thickness given in the section "Technical Data" describes the thickness of the tape without liner. The thickness with liner is 165 µm.

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