



tesa[®] 60642

Product Information



Aluminum tape

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

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 material | aluminium foil | • Total thickness | 80 µm |
| • Type of adhesive | synthetic rubber | • Colour of liner | white |
| • Type of liner | paper | • Thickness of liner | 85 µm |

Properties/Performance Values

- | | | | |
|-------------------------------|------------|-------------------------------|----------|
| • Elongation at break | 5 % | • Liner release force | 0.3 N/cm |
| • Tensile strength | 21 N/cm | • Operation temperature from | -20 °C |
| • Backing appearance (visual) | reflective | • Operation temperature up to | 60 °C |
| • Hand tearability | very good | | |

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Adhesion to Values

- steel 8 N/cm

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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