



tesa[®] Professional 63632 Aluminium Tape Universal

Product Information

Universal aluminum tape with paper liner - 30µ foil

Product Description

tesa[®] Universal is an aluminum adhesive tape for professional application. The robust aluminum tape is suited to permanently seal insulation and pipes, to enable electric and thermic conductivity in materials and to reflect heat radiation. It can also be used to repair metal surfaces. An aluminum film (30 µm) serves as base material, while the liner/separating layer consists of paper siliconized on one side (85 µm). Adhesion is provided by an acrylic adhesive.

tesa[®] Universal 63632 aluminum tape is mechanical stable, temperature-resistant -40°C to +160°C. Moreover tesa[®] Universal 63632 is flame retardant according to DIN 4102, class B1 and UL 510A.

Product Features

- Mechanical stable and Conformable to curved surfaces
- Easily removable liner
- Aging resistant
- Suitable for permanent application
- Resistant against humidity, gases, vapors and UV radiation
- Electric and thermic conductivity
- Reflects heat and light
- Flame-retardant according to DIN 4102 (class B1)
- Flame retardant according to the requirements in UL 510A

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

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|--------------------|----------------|----------------------|-------|
| • Backing | aluminium foil | • Total thickness | 65 µm |
| • Type of adhesive | acrylic | • Thickness of liner | 85 µm |



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Properties/Performance Values

• Elongation at break	3 %	• Humidity resistance	good
• Tensile strength	25 N/cm	• Release of liner	easy
• Abrasion resistance	good	• Suitable for die cutting	yes
• Ageing resistance (UV)	good	• Temperature resistance	very good
• Backing appearance (visual)	reflective	• Temperature resistance long term	90 °C
• Easy to remove	no	• Temperature resistance min.	-40 °C
• Easy to write on	no	• Temperature resistance short term	160 °C
• Fluorescent	no	• Water resistance	very good
• Hand tearability	very good		

Adhesion to Values

• Glass (initial)	8 N/cm	• PVC (initial)	5.5 N/cm
• PE (initial)	4 N/cm	• Steel	8 N/cm

Disclaimer

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For latest information on this product please visit <http://l.tesa.com/?mp=63632>