



tesa[®] ALUMINIUM FOIL TAPES

Our Specialists for Pipes, Cables and Insulation
for Industry and Trade



[tesa.com](https://www.tesa.com)

Our solutions for the industrial use

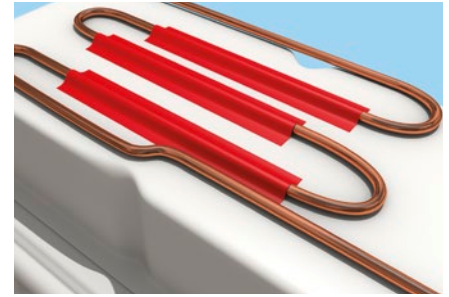
tesa® offers a complete new line of aluminum foil tapes, specifically engineered to meet the toughest requirements of the HVAC, metal construction, electrical and household appliance industries. The new range is characterized by high thermal resistance, durability and conductivity and can help increase efficiency and meet sustainability goals by minimizing air distribution loss.

Product features:

- Electrically and thermally conductive, heat and light reflective
- Barrier against moisture, gas and vapor
- Aging resistant and strong adhesive, suitable for permanent applications
- Resistant to oil and acids, temperature resistant from -40°C to 160°C
- Flame retardant according to DIN 4102, class B1 and B2 and the requirements of UL510A
- Meets the requirements of UL723
- Thickness deviation < ±10%
- Aluminum alloy 8011, temper O: Al content of 98.7% w/w

Areas of application:

- For permanent use when fastening, sealing, protecting and repairing
- Bonding of cooling lines and coils in the household appliance industry
- Joining and sealing of thermal insulation, ducts and pipes
- Repairs on trucks, RV's and trailers
- Sealing of heating and ventilation systems as well as rain gutters
- To make substrates electrically and thermally conductive
- To reflect heat radiation



Technical data

| Product | Backing | Total thickness [µm] | Type of Adhesive | Adhesion to steel [N/cm] | Elongation at break [%] | Tensile strength [N/cm] | Length : Width [m : mm] |
|---|-----------------------|----------------------|------------------|--------------------------|-------------------------|-------------------------|--|
| Without Liner (release coating, siliconized) | | | | | | | |
| tesa® 60630 | Aluminium foil, 30 µm | 65 | Acrylic | 8 | 3 | 25 | 50 : 25/38/50 Jumbo in 1500 : 1200 |
| tesa® 60650 | Aluminium foil, 50 µm | 90 | | 9 | 6 | 40 | 50 : 25/38/50 Jumbo in 1350 : 1200 |
| tesa® 60670 | Aluminium foil, 75 µm | 125 | | 10 | 8 | 60 | 50 : 25/38/50 Jumbo in 1200 : 1200 |
| With white release paper (siliconized, 85 µm thick) | | | | | | | |
| tesa® 60632 | Aluminium foil, 30 µm | 65 | Acrylic | 8 | 3 | 25 | 50 : 50/75/100/1200/1170 (Slitter) Jumbo in 1350 : 1200 |
| tesa® 60652 | Aluminium foil, 50 µm | 90 | | 9 | 6 | 40 | 50 : 50/1200/1170 (Slitter) Jumbo in 1200 : 1200 |
| tesa® 60672 | Aluminium foil, 75 µm | 125 | | 10 | 8 | 60 | 50 : 50/1200/1170 (Slitter) Jumbo in 1000 : 1200 |

tesa SE

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tesa.com/company/locations

tesa.com

tesa® products prove their impressive quality day in, day out in demanding conditions and are regularly subjected to strict controls. All technical information and data above mentioned are provided to the best of our knowledge on the basis of our practical experience. They shall be considered as average values and are not appropriate for a specification. Therefore 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. The user is responsible for determining whether the tesa® 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.