

tesa® 50565

Strong 50µm aluminium tape with and without liner (PV1 and PV0)

tesa® 50565 is a strong aluminium tape, based on a 50µm aluminium foil and an acrylic adhesive.
tesa® 50565 is mainly used in the appliance industry and also for a wide range of other applications.

Features:

- good adhesion
- mechanical resistance
- moisture resistant
- vapour tight
- high thermal conductivity
- oil & acid resistant
- ageing-resistant
- available without liner (PV0) and with liner (PV1)
- flame retardant (UL510)

Main Application

- Mounting of refrigeration coils
- General purpose temperature insulation
- Sealing of ducts
- Masking, protecting, repairing, closing ...and a lot more!

Technical Data

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|-----------------------|----------------|-------------------------------|------------|
| ▪ Backing material | aluminium foil | ▪ Tensile strength | 35 N/cm |
| ▪ Total thickness | 90 µm | ▪ Temperature resistance min. | -40 °C |
| ▪ Type of adhesive | acrylic | ▪ Temperature resistance max. | 160 °C |
| ▪ Adhesion to steel | 6 N/cm | ▪ Surface finish | reflective |
| ▪ Elongation at break | 8 % | | |

Properties

| | | | |
|----------------------------|-------------------------|-----------------------|------|
| ▪ Hand tearability | ●●● | ▪ Abrasion resistance | ●●● |
| ▪ Suitable for die cutting | yes | ▪ Water resistance | ●●●● |
| ▪ Certified according to | UL 510 Flame retardancy | | |

Evaluation across relevant tesa® assortment: ●●●● very good ●●● good ●● medium ● low

For latest information on this product please visit <http://l.tesa.com/?ip=50565>

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