

Product Information

Very strong 80µm aluminium tape with and without liner (PV1 and PV0)

tesa® 50575 is a very strong aluminium tape, based on a 80µm aluminium foil and an acrylic adhesive.

tesa® 50575 has a high tensile strength and 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
- flame retardant
- oil & acid resistant
- high thermal conductivity
- ageing-resistant
- heat and light reflective
- resistant to strong acids and base solutions
- available without liner (PV0) and with liner (PV1)
- tesa® 50575 is passing the standard TLV 9027/01/06 for nuclear power stations by Siemens: total halogen content < 1000 ppm total sulphur content < 1000 ppm

Main Application

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

Technical Information (average values)

The values in this section should be considered representative or typical only and should not be used for specification purposes.

Technical Data

• Backing material	aluminium foil	• Tensile strength	65 N/cm
• Total thickness	120 µm	• Temperature resistance min.	-40 °C
• Type of adhesive	acrylic	• Temperature resistance max.	160 °C
• Elongation at break	5 %	• Surface finish	reflective

Adhesion to

- steel 4.0 N/cm

tesa® 50575



Product Information

Properties

- Hand tearability
- Suitable for die cutting
- Certified according to



Yes
TLV 9027/01/06
for use in
nuclear power
plant

- Abrasion resistance
- Water resistance



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

Disclaimer

tesa® products prove their impressive quality day in, day out in demanding conditions and are regularly subjected to strict controls. All information and recommendations are provided to the best of our knowledge on the basis of our practical experience. Nevertheless 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. Therefore, 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.



For latest information on this product please visit
<http://l.tesa.com/?ip=50575>