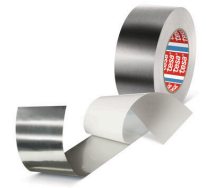




tesa[®] 50575

Product Information



Very strong 80µm/3.1 mils aluminium tape with and without liner (PV1 and PV0)

Product Description

tesa[®] 50575 is a very strong aluminium tape, based on a 80µm/3.1 mils 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 certified by AREVA according to requirements of the Siemens AG standard TLV 9027/01/06 for nuclear power station: total halogen content < 1000 ppm total sulphur content < 1000 ppm

Product Features

- Mechanical resistance
- Moisture resistant
- Vapor tight
- Flame retardant
- High thermal conductivity
- Ageing-resistant
- Heat and light reflective
- Available without liner (PV0) and with liner (PV1)

Application Fields

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

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



tesa[®] 50575

Product Information

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	aluminum foil	• Color of liner	white
• Type of adhesive	acrylic	• Thickness of liner	65 µm
• Type of liner	paper	• Thickness of tape	2.6 mils
• Total thickness	120 µm 4.7 mils		_NULL µm

Properties/Performance Values

• Elongation at break	5 %	• Operation temperature from	-40 °C
• Tensile strength	65 N/cm 37.1 lbs/in	• Operation temperature up to	-40 °F
• Abrasion resistance	very good	• Operation temperature up to	160 °C
• Backing appearance (visual)	reflective	• Suitable for die cutting	320 °F
• Hand tearability	good	• Temperature resistance min.	yes
		• Temperature resistance min.	-40 °C
		• Water resistance	-40 °F
			very good

Adhesion to Values

• Steel	4 N/cm 36.5 oz/in
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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.



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