

tesa® 50575

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 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

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 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
▪ Adhesion to steel	4 N/cm	▪ Surface finish	reflective
▪ Elongation at break	5 %		

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

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Properties

▪ Hand tearability	● ● ●	▪ Abrasion resistance	● ● ● ●
▪ Suitable for die cutting	yes	▪ Water resistance	● ● ● ●
▪ Certified according to	TLV 9027/01/06 for use in nuclear power plant		

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

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