

# tesa® 50575

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

## PRODUCT INFORMATION

### Product Description

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	6 N/cm	■ Surface finish	reflective
■ Elongation at break	15 %		

### 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, o medium, - low

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

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