

Mounting tape for mirrors and other parts, double-sided self-adhesive

Application areas

Double-sided adhesive tape

- can be used as assembly aid for mirrors and other parts, such as e.g. laminations, signs, panel materials, mouldings etc.
- ideal for glass construction, metal construction, apparatus construction, furniture and interior fittings, carpenters, handicraft and industry

Product benefits

- high initial adhesion, hält sofort grössere Gewichte also on materials with very low surface tension
- neutral; does not corrode the paint or silver coating of the mirror
- resistant to water, cleaning agents and alcohol
- very long service life (when used correctly)
The life expectancy of adhesive tapes depends on factors such as the quality of the substrate, sufficient contact pressure, adequate processing temperature, dynamic forces and chemical or weather-related influences.
- high ageing resistance, practically rot-proof
- protected with white supercalendered paper
- does not migrate into the neighbouring substrate and is ideal for subsequent sealing with silicone, hybrid and other sealants

Base

Soft foam, coated with adhesive on both sides.

Restrictions

The tape itself is UV-resistant, but not the adhesive area. Therefore only short-term suitable for bonding where UV light comes directly onto the bonding surface (e.g. glass without coating).

Processing

The substrate must be sound, dry and free of dust and grease. The choice of tape thickness depends on the substrate and the expected linear expansion of the materials to be bonded. If in doubt, use thicker tape.

Use at least 40 cm²/kg mirror. Apply the adhesive tape to the substrate under high pressure (if possible). Remove the protective film and press the mirror onto the tape.

Final strength is only achieved after 24 h.

In order to achieve a long-term, secure bond (>20 years) under practical conditions, we recommend applying a few additional vertical beads of a suitable cartridge adhesive to the substrate.

In the case of mirrors, use Wisacoll SK 900 mirror adhesive, for other applications, select a different mounting adhesive if necessary.

Final strenght

after ca. 24 h

Density / band thickness

0.8 mm	1.6 mm	3.2 mm
ca. 100 kg/m ³	ca. 64 kg/m ³	ca. 64 kg/m ³

Peeling force 180 °
acc. to AFERA 4001
on stainless steel

	0.8 mm	1.6 mm	3.2 mm
23 °C	>20 N/25 mm	>17 N/25 mm	>25 N/25 mm
70 °C	>5 N/25 mm	>3 N/25 mm	

Cohesion
acc. to AFERA 4012

	0.8 mm	1.6 mm	3.2 mm
23 °C	>100 N	>100 N	
70 °C	>2 N	>2 N	

Cohesion test

	0.8 mm	1.6 mm	3.2 mm
h	±1000	±1000	>50

On stainless steel 1 kg - 25 mm x 25 mm: FTM 8
Decreasing at higher temperatures (>2 N at 70 °C)

Stretchability
acc. to DIN 53455
(depending on tape
thickness)

	0.8 mm	1.6 mm	3.2 mm
longitudinal:	14 N/15 mm	20 N/15 mm	25 N/15 mm
transverse:	10 N/15 mm	15 N/15 mm	20 N/15 mm

Breaking elongation
acc. to DIN 53455
(depending on tape
thickness)

	0.8 mm	1.6 mm	3.2 mm
longitudinal:	350 %	300 %	250 %
transverse:	350 %	250 %	150 %

**Compression strength
at 10 %**
acc. to ISO 844

0.8 mm	1.6 mm	3.2 mm
		22 kPa

Temperature resistance from -40 °C up to +60 °C (foam)

Processing temperature from +10 °C up to +40 °C

Further information



You can find more information about this product (link to the product on our homepage, safety data sheet, certificates, special enquiries etc.) under the adjacent ISOPIN QR code.

Colour

white

**Standard stock
dimensions**

Item no.	Thickness	Width	Shipping unit
SKB 490.0819.66	0.8 mm	19 mm	16 x 66 m = 1056 mm
SKB 490.1619.33	1.6 mm	19 mm	16 x 33 m = 528 m
SKB 490.3219.33	3.2 mm	19 mm	16 x 33 m = 528 mm

Special dimensions

on request

Shelf life

In closed original packaging, protected from direct sunlight and stored in a dry place between +15 °C and +25 °C, the official shelf life is 24 months from date of production.

Observe: All information is based on careful examinations in the labs and our previous practical experience. They are non-committal notes. Due to the many materials that are marketed and the different processing methods, which we cannot influence, we can, of course, not assume any warranty, including under patent-law, for the result of your work. We recommend performing sufficient own tests to find out if the product meets the respective requirements. In addition, we refer to our terms and conditions of sale, delivery and payment, available at www.wisabax.ch/agb.html. © Wisabax AG - This technical data sheet replaces all older versions.

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