



# UPLIFTING DESIGNS FOR THE ELEVATOR INDUSTRY

Our Solutions for the Next Level of Bonding

# DURABLE BONDING SOLUTIONS FOR THE ELEVATOR INDUSTRY

## Reinforcement bars

Bonding of reinforcement bars to elevator doors or cabin shell panels to prevent deformation caused by forces. Our tape is on hand with a fast and efficient assembly process:

### tesa® 625xx

- Durable performance
- Wide range of product thicknesses

### tesa® 62958

- Excellent initial tack even at low temperatures
- Superior cold processible characteristics (down to -10°C)

### tesa® ACX<sup>plus</sup> 704x or 706x series

- Very high adhesion to difficult surfaces
- Very high initial tack
- Compensation of thermal elongation

### tesa® ACX<sup>plus</sup> 709x series

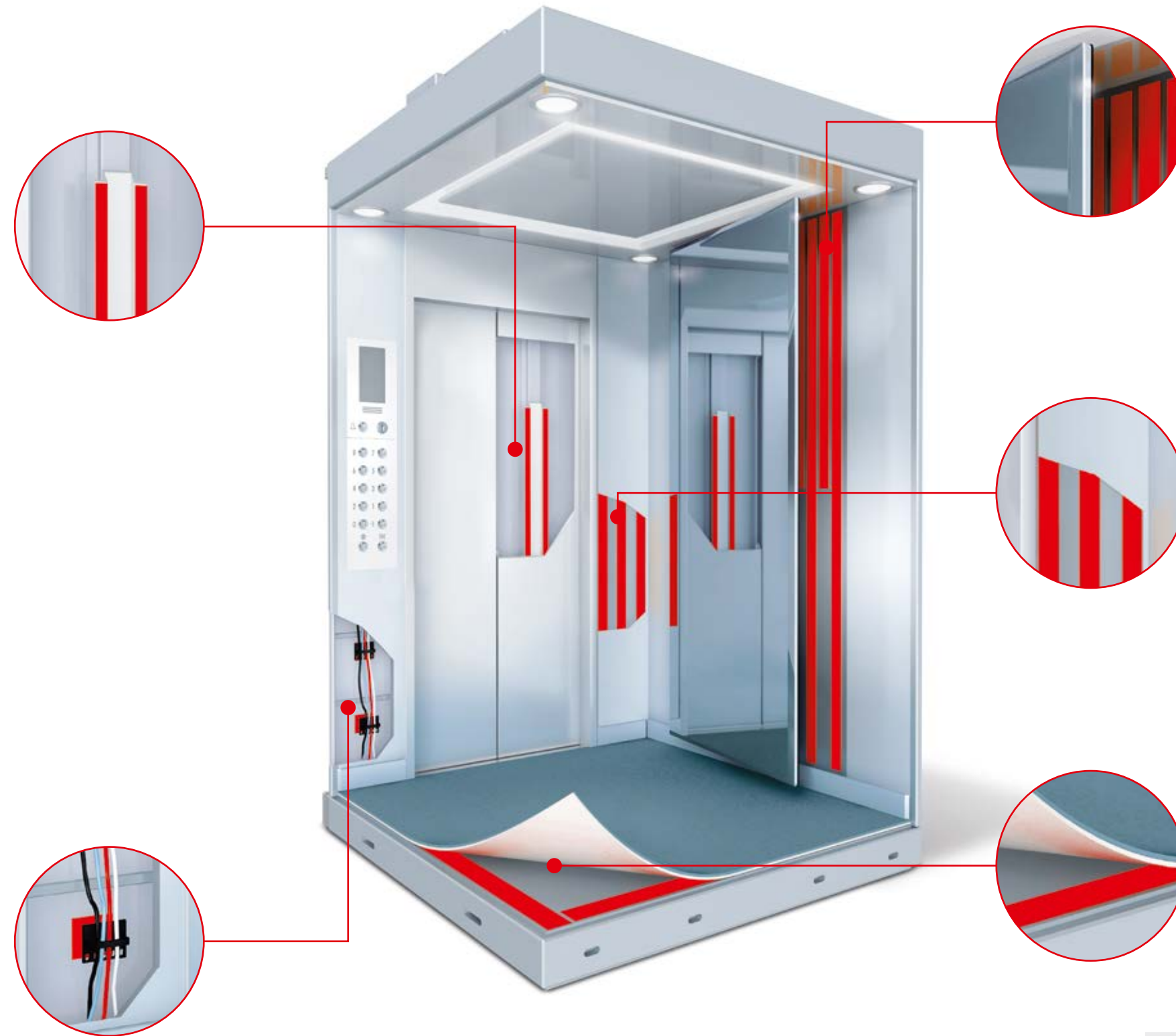
- Excellent performance on LSE substrates without using adhesion promoter
- Ability to process tape in cold production environments

## Cable clips

Long term fixation of cable clips:

### tesa® 625xx

- Vibration and shock resistance
- High initial adhesion
- Noise dampening properties



## Mirrors

Reliable bond of mirror panels:

### tesa® 625xx or 4952

- High immediate bonding strength on various substrates
- Durable holding power, reliable performance
- LGA proof of performance available

## Decorative panels

Trusted solution for bonding decorative panels:

### tesa® 4965

- Exceptional bonding performance on critical surfaces and rough materials
- Excellent holding power at elevated temperatures
- High initial adhesion

## Floor components

Affixing of different flooring materials:

### tesa® 51977

- Bonding performance comparable to liquid glue solutions
- Combination of high initial tack and adhesion level
- Secure bond, even with critical materials



**tesa® 4952 – certified by LGA**  
Landesgewerbeanstalt Bavaria, Germany  
• Report no. 3291189

## Technical information

Product	Total thickness [µm]	Adhesive	Backing	Color	Temperature resistance [°C] (short/long term)	Peel adhesion ultimate [N/cm]		Additional thicknesses [µm]
						AL	Steel	

### Acrylic foam tapes

tesa® ACX <sup>plus</sup> 7074	1,000	Pure acrylic	Foamed acrylic	Gray/white	200/100	35.0	33.0	500/1,500/2,000
tesa® ACX <sup>plus</sup> 7065	1,200	Tackified acrylic	Foamed acrylic	Black	170/70	35.0	40.0	500/800/1,500
tesa® ACX <sup>plus</sup> 7094	1,000	Specialty	Foamed acrylic	Black	100/80	40	40	500/1,500/2,000

Product	Total thickness [µm]	Adhesive	Backing	Color	Temperature resistance [°C] (short/long term)	Peel adhesion immediate/ultimate [N/cm]		Additional thicknesses [µm]
						AL	Steel	

### PE foam tapes











tesa® 62510	1,000	Tackified acrylic	PE foam	White/black	80/80	8.0/13.5	13.5/13.5	800/1,200/1,800
tesa® 4952	1,150	Tackified acrylic	PE foam	White	80/80	5.0/8.0	6.5/8.0	n/a
tesa® 62958	1,000	Acrylic	PE foam	White	80/60	4.0/13.5	4.0/13.5	n/a

### Film tapes

tesa® 4965	205	Tackified acrylic	PET	Transparent	200/100	10.2/12.6	11.5/14.0	n/a
tesa® 51977	240	Tackified acrylic	PP	White	120/60	10.0/13.0	12.2/15.0	n/a

## Benefits of working with tapes

Pressure-sensitive adhesive tapes are a proven bonding technology that provides benefits in quality, assembly speed, and design. Our tape dispensers can be integrated into your extrusion line easily and with minimal adjustments. They outperform solutions such as liquid adhesives or mechanical fasteners in many ways.

		Double-sided tapes	Liquid glue	Mechanical fastening (e.g. rivets, screws, nails)
Design	 Improved visual appearance – no damage to the material	••••	•••	•
	 Invisible fastening – mounting of transparent materials	••••	•••	•
Assembly	 Fast application process – elimination of curing time and reduction of complexity	••••	•	••
	 Healthy working environment and clean production sites	••••	••	••
Quality	 Compensation of irregular or uneven surfaces – gaps between bonded surfaces are eliminated	•••	••••	•
	 Compensation of tension and stress dissipation – single bonding point with mechanical fasteners can lead to material breakage	••••	••	•
	 Noise-dampening properties – sounds caused by vibration are eliminated	••••	•••	•
	 Shock absorption	••••	••	•
	 Sealing function – tape seals and protects against dust and moisture	••••	••••	••
	 Reduced risk of corrosion	••••	••••	•

•••• Very good ••• Good •• Medium • Low

tesa® products prove their impressive quality day in, day out in demanding conditions and are regularly subjected to strict controls. All technical information and data above mentioned are provided to the best of our knowledge on the basis of our practical experience. They shall be considered as average values and are not appropriate for a specification. Therefore 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. 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.



Our management system is certified according to the standards ISO 9001, ISO/TS 16949, and ISO 14001.