



**addingvalue**

Solutions for Trim and Profile Producers

# marketapplications

Adding Value to Trims and Profiles



Trims and profiles made from various materials are part of everyday life. Professionals in industry or crafts, as well as consumers all over the world, use them for many purposes. And right in the middle, our adhesive tapes have been proving their excellence in a multitude of mounting applications for decades.

Benefit from our wide range of quality tapes in cross wound spools, our experience in dispensing tools, and our technical service to achieve your goals.

Make your trim a "ready-to-mount" solution.

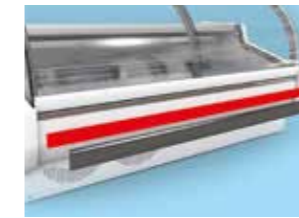
#### Benefits of "ready-to-mount" trims for the end user:

- Invisible, aesthetic bonding method
- Fast and easy to use
- Excellent bonding results

#### Benefits of "ready-to-mount" trims for the producer:

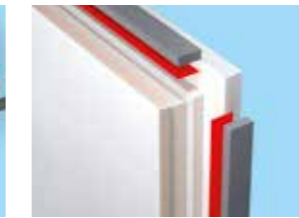
- Enhanced product value
- Access to a wider market
- Easy retrofits for your extrusion line

#### Appliances



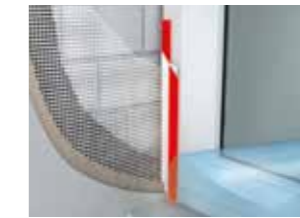
Bumper rails

#### Doors



Intumescent seals

#### Building Supply

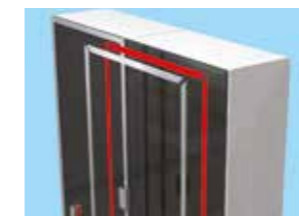


Plastering trims



Window skirtings

#### Furniture



Decorative trims



Dust protection brushes

#### Interior Fitting

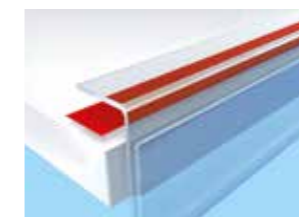


Bumper rails and corner guards



I-profiles for glass partitions

#### Point of Purchase



Shelf edge strips



Magnetic strips

#### Interior Fitting



Cable channels

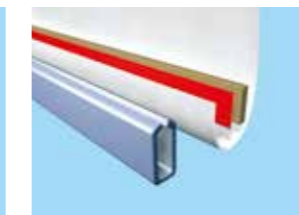


Base rails

#### Roller Shades



Roller blind tubes



Roller blind rails

#### Windows and Accessories



Muntin bars



Dry glazing

# provenportfolio

Design Flexibility with Proven Products

## tesa®ACX<sup>plus</sup>

tesa®ACX<sup>plus</sup> features an acrylic core and is available with different adhesive systems. The viscoelastic acrylic core results in a high bonding power, stress dissipation excellent temperature, and weathering resistance:

- For highly durable and outdoor applications
- High adhesion and bonding strength
- Compensates different thermal expansion

Product	Thickness [µm]	Adhesive	Backing	Color	Liner	Peel adhesion after 3 days [N/cm]		Static shear resistance [23°C]	Temperature resistance [°C] long/short
						Steel	PVC		
tesa®ACX <sup>plus</sup> 7054	500	Pure acrylic	Solid acrylic	Transparent	Paper/filmic	19.0	19.0	●●●●	100/200
tesa®ACX <sup>plus</sup> 7055	1,000	Pure acrylic	Solid acrylic	Transparent	Paper/filmic	24.0	24.0	●●●●	100/200
tesa®ACX <sup>plus</sup> 7063	800	Modified acrylic	Foamed acrylic	Black	Paper/filmic	30.0	32.0	●●●●	70/170
tesa®ACX <sup>plus</sup> 7065	1,200	Modified acrylic	Foamed acrylic	Black	Paper/filmic	40.0	35.0	●●●●	70/170
tesa®ACX <sup>plus</sup> 7072	500	Pure acrylic	Foamed acrylic	Black	Paper/filmic	20.0	20.0	●●●●	120/220
tesa®ACX <sup>plus</sup> 7074	1,000	Pure acrylic	Foamed acrylic	Black	Paper/filmic	30.0	25.0	●●●●	120/220

●●●● Very good ●●● Good ●● Medium ● Low

## Thin Double-Sided Tapes

Products from this category combine thin filmic or non-woven backings with various adhesive systems. They perfectly match application requirements such as:

- Need for thin design gaps
- Bonding transparent materials
- High-speed lamination processes

Product	Thickness [µm]	Adhesive	Backing	Color	Liner	Peel adhesion after 14 days [N/cm]		Static shear resistance [23°C]	Temperature resistance [°C] long/short
						Steel	PVC		
tesa® 51865	165	Tackified acrylic	PET	Transparent	Paper/filmic	13.5	10.5	●●●	100/200
tesa® 51970	220	Tackified acrylic	PP	Transparent	Paper/filmic	13.5	17.0	●●●	80/130
tesa® 4965	205	Tackified acrylic	PET	Transparent	Paper/filmic	14.0	12.8	●●●	100/200
tesa® 4970	225	Tackified acrylic	PVC	White	Paper	13.6	16.6	●●●	60/70
tesa® 4959	100	Tackified acrylic	Non-woven	Translucent	Paper	7.5	7.5	●●●	80/200
tesa® 64624	170	Synthetic rubber	PP	Transparent	Paper/filmic	15.0	13.0	●●●●	40/80

●●●● Very good ●●● Good ●● Medium ● Low

## Foam Tapes

Foam tapes are characterized by its conformable closed-cell PE foam backings in many thickness variants. They are UV- and weathering-resistant and are used for:

- Bonding parts with higher tolerances
- Dust and moisture sealing
- Shock absorption

Product	Thickness [µm]	Adhesive	Backing	Color	Liner	Peel adhesion after 14 days [N/cm]		Static shear resistance [23°C]	Temperature resistance [°C] long/short
						Steel	PVC		
tesa® 62505	500	Tackified acrylic	PE foam	Black/white	Paper/filmic	9.5	9.5	●●●	80/80
tesa® 62508	800	Tackified acrylic	PE foam	Black/white	Paper/filmic	13.5	13.5	●●●	80/80
tesa® 62510	1,000	Tackified acrylic	PE foam	Black/white	Paper/filmic	13.5	13.5	●●●	80/80
tesa® 62938	2,000	Tackified acrylic	PE foam	Black/white	Paper/filmic	5.0	5.0	●●●	80/80
tesa® 62939	3,000	Tackified acrylic	PE foam	Black/white	Paper/filmic	5.0	5.0	●●●	80/80
tesa® 62957*	1,150	Acrylic	PE foam	Black/white	Paper/filmic	4.0	4.0	●●	60/80
tesa® 64958	1,050	Synthetic rubber	PE foam	White	Paper	4.0	4.0	●●●	60/40

\*can be applied at low temperatures (-10°C)

●●●● Very good ●●● Good ●● Medium ● Low



# productsolutions

Advanced Quality and Individual Service

## We Make Customized Solutions

We are committed to offering our customers a complete solution. This starts with choosing a tape that fulfills both the bonding requirements and the end user's preferences. Furthermore it comprises setting up a dispensing and lamination system in the extrusion line, so that you can run tape continuously and hassle-free.



### Further Solutions

#### Spool dispensers

- For continuous or stop-and-go processes
- Individual tape lamination units
- Easy retrofitting into your line



#### High quality cross-wound spools

- High spooling length
- Tape width from 4 to 45 mm
- Different liner variants available



#### Pretreatment for hard-to-bond surfaces

- In-line plasma pretreatment
- Liquid adhesion promoters

#### Application solution engineering

- Substrate testing
- Tape selection service
- Dispenser setup



## 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)	
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	••••	••	•
		Shock absorption	••••	••	•
		Reduced risk of corrosion	••••	••••	•
		Sealing function – tape seals and protects against dust and moisture	••••	••••	••
Assembly		Noise-dampening properties – sounds caused by vibration are eliminated	••••	••••	•
		Fast application process – elimination of curing time and reduction of complexity	••••	•	••
Design		Healthy working environment and clean production sites	••••	••	••
		Improved visual appearance – no damage to the material	••••	••••	•
		Invisible fastening – mounting of transparent materials	••••	••••	•

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

Our 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, we can make no warranties, expressed 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 our product is fit for a particular purpose and suitable for the user's method of application. If you are in any doubt, our technical staff will be glad to support you.



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



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