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#### Certifications

Our company is focused on international quality, environmental, and occupational safety standards.

Please find more information regarding our certifications at:  
[www.tesa.com/certifications](http://www.tesa.com/certifications)

**META Regional Headquarter**  
tesa Bant Sanayi ve Ticaret A.Ş  
Merdivenköy Mah. Bora Sokak No: 1  
Nida Kule Göztepe K: 4  
34732 Kadıköy İstanbul, Türkiye

Phone: +90 216 578 9000  
Fax: +90 216 578 9001

[tesa.com](http://tesa.com)



Product solutions  
for any need

Assortment for trade partners



# From sketch to reality

## From general-purpose applications to high-end solutions

By partnering with tesa as an Industrial Trade Partner, you have decided to become a strategic business ally with us. Together, we can achieve our goals faster and more effectively and thus drive the growth of our companies.

As an Industrial Trade Partner, you have access to the high-quality products, services, and values offered by tesa that will make your company more competitive in the marketplace. Take advantage of this opportunity and benefit from our cooperation!

With this catalog, we present you with a comprehensive product portfolio from various categories of application, including more than 130 products strategically selected from the large tesa® product family. All products shown are locally in stock, and therefore immediately available (depending on individual location).

### Our services include:

- A dedicated **sales team** to assist in the development of operational plans and strategies
- Professional **technical support** from our **Customer Solution Center** (see page 38 for more information)
- The option of using **die cuts** made from tesa® adhesive tapes **to optimize your production processes** in the long term (for more information, see page 36)
- **Support** with orders and any questions that may arise through our **tesa customer service**



For more information, simply scan the QR code:



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# Packaging



## Reliable packaging solutions with a more sustainable edge

Whether for a light or heavy carton, traveling a short distance by rail, or taking a long journey by ship – our range of packaging tapes meets all the requirements of modern logistics. They facilitate a fast packaging process, protect the shipment, and reinforce the carton closure.

But that is not all: As one of the market leaders for packaging tapes, we are well aware of the big contribution that we can make to the environment when developing new products. And this is reflected in our new range of packaging tapes with sustainable aspects.



e-commerce



Industrial supply and logistics



Furniture



Food



### User benefits

- Reliable closure performance
- Great to handle (fast closing process)
- Contributing to sustainability
- Premium products with consistent properties

## Main applications



### Manual carton sealing

Fast, flexible, and versatile. Manual packaging with hand dispensers offers the speed and flexibility required in all business sizes from order fulfillment specialist and spare part suppliers to e-commerce shops. Our industry-proven tape assortment provides solutions that you can rely on.



### Automatic carton sealing

Efficiency and reliability combined. Automatic carton sealing systems revolutionize packaging operations, providing seamless integration, enhanced productivity, and secure sealing for a wide range of industries and products. Embrace automation and optimize your business with our state-of-the-art solutions.



### Inner packaging

For packaging of food, single items, and small industrial parts, our inner packaging tapes seal securely, easily, and hygienically. Consequently, our inner packaging tapes are used in a wide variety of usages such as sealing small boxes (cardboard or plastic), cans, and bags.



# We help your business to be more **sustainable**



### Outstanding quality for crucial applications

Whether for a light or heavy carton, traveling a short distance by rail, or taking a long journey by ship – our range of packaging tapes meets all the requirements of modern logistics. They facilitate a fast packaging process, protect the shipment, and reinforce the carton closure. But that is not all: As one of the market leaders for packaging tapes, we are well aware of the big contribution that we can make to the environment when developing new products. And this is reflected in our new range of packaging tapes with sustainable aspects.

### Your packaging tape partner

Secure packaging is the primary requirement to ensure a product reaches its destination intact. It provides protection from a variety of factors en route to the recipient. However, it is not only the cardboard box that is of significance – a huge range of other requirements are also placed on the adhesive tapes holding the box together.

tesa® packaging tapes are the result of decades of experience in the secure sealing of cartons. They have proven their worth millions of times over as a safe solution, under a huge range of different conditions, for the transportation of goods.

### Why tapes will be vital in the future

The debate around packaging pollution has grown significantly in recent years. Increasing concern from regulatory bodies and from the public are currently leading to major changes – in both industrial and consumer packaging. Packaging tapes are also being discussed as a crucial part of the packaging solution, with calls for innovative solutions that better protect our environment growing louder.

We are not only focusing on becoming a more sustainable company but want to support our customers to become more sustainable as well. To do so, we have developed a set of packaging tapes that will support our customers in meeting their sustainability goals.

The following pages provide a detailed overview of the current assortment of packaging tapes with sustainable aspects and will help you find the right tape for your specific requirement.



### Paper packaging tapes

Paper-based packaging tapes are an easy way to take a step into a more sustainable world. For all our paper carton sealing tapes, we aim to source from certified well-managed forests and other controlled sources. From light- to medium-weight packages our paper packaging tapes get the job done while keeping sustainability in mind.

Product description and application	Color	Backing		Adhesion to steel [N/cm]	Total thickness [µm]	Tensile strength [N/cm]
		Adhesive	Backing			
<b>tesa® 4713 Standard packaging tape</b> • For lightweight cardboard boxes up to 10 kg • Good adhesion on different cardboard qualities • Suitable for manual and automatic dispensers	○ ●	FSC™-certified paper		2.8	125	30
		Natural rubber				
<b>tesa® 4513 Superior packaging tape</b> • For light- to medium-weight cardboard boxes up to 15 kg • Very strong adhesion and high initial tack • Robust paper backing offers good shock resistance • Suitable for manual and automatic dispensers	●	FSC™-certified paper		8.5	105	70
		Synthetic rubber				
<b>tesa® 60408 Bio-based paper packaging tape</b> • For medium-weight cardboard boxes up to 20 kg • Good adhesion and high initial tack • Specialty paper backing with increased tear resistance • More sustainable: 92% bio-based carbon content (acc. to DIN CERTCO) • Suitable for manual and automatic applications • Printable with most types of ink systems	●	FSC™-certified paper		2.8	125	60
		Natural rubber				
<b>tesa® 4313 PV12 Premium paper packaging tape</b> • Ideal for sealing medium-weight cardboard boxes up to 20 kg • Very strong adhesion and high initial tack • Specialty paper with increased tear resistance • Suitable for manual and automatic dispensers • Printable with most types of ink systems	○ ●	FSC™-certified paper		9.5	125	60
		Synthetic rubber				
<b>tesa® 60013 Reinforced paper packaging tape</b> • Suitable for heavy-duty packaging applications up to 30 kg • Paper backing reinforced with fiberglass scrim • Excellent adhesion and aggressive tack • High tensile strength and tear resistance • Suitable for manual and automatic dispensers	●	Reinforced paper		11	210	125
		Synthetic rubber				



## Filmic packaging tapes

For holding applications that require higher strength than carton sealing tape, and greater elongation and conformability than filament tape.

Product description and application	Color	Backing	Adhesive	Adhesion to steel [N/cm]	Total thickness [µm]	Tensile strength [N/cm]
Filmic more sustainable tapes						
<b>tesa® 60400 Bio-based packaging tape</b> • Ideal for the sealing of cardboard boxes up to 30 kg • Strong adhesion • 98% bio-based carbon content in total product (acc. to DIN CERTCO) • Solvent-free production process • Very good performance on recycled cardboard			Poly lactite	3.5	55	30
			Natural rubber			
Traditional PVC packaging tapes						
<b>tesa® 4120</b> • Robust and conformable backing • Versatile, high-performance adhesive, also suitable for cold conditions • Silent and smooth unwinding			PVC	2	49	43
			Natural rubber			
<b>tesa® 4104</b> • Ensures a safe and easy closure of bags • Excellent adhesion on different kinds of surfaces • Available in several colors and transparent • tesa 4104® red enables sharp-edge masking for multicolor painting			PVC film	3.6/2.3*	67/65*	60
			Natural rubber			
<b>tesa® 4124</b> • Thick and robust backing • Versatile, high-performance adhesive, also suitable for cold conditions • Silent and smooth unwinding • High tear resistance • Very good printability			PVC	3.2	65	60
			Natural rubber			

Product description and application	Weight (g)	L/W/H (mm):	Max. roll diameter (mm):	Max. roll width (mm):	Max. core diameter (inches):
Dispenser solutions					
<b>tesa® 6300 Economy</b> • Tension control, adjustable by hand • Good value dispenser for professional sealing of all kind of tesa packaging tapes in packaging and production areas • Covered blade	350	150/65/240	120	50	3
				2x25	3
<b>tesa® 6012</b> • Professional application of tesa packaging tapes • Can be filled with either one wide roll or two narrow rolls of tape • Can be fastened securely with the supplied clamp or with screws	720	170/65/125	160	1x50	3
				2x25	3

\*Dependent on color

Product description and application	Color	Backing	Adhesive	Adhesion to steel [N/cm]	Total thickness [µm]	Tensile strength [N/cm]
Traditional BOPP packaging tapes						
<b>tesa® 4279</b> • General purpose carton sealing tape • Manual sealing of lightweight cartons • 23 µm PP backing with an acrylic adhesive • Elongation at break: 140%			BOPP	2	37	12
			Water-based acrylic			
<b>tesa® 4089 PV6</b> • General purpose carton sealing tape • Manual and automatic sealing of light and medium-range weight cartons • tesa® 4089 PV6 is based on a 28µm-PP backing with a natural rubber adhesive • Temperature resistance [°C]: Max: 100 °C - Min: -30 °C			PP film	2.2	46	43
			Natural rubber			
<b>tesa® 64006</b> • A tamper evident providing carton sealing tape with a customer individual imprint • Is designed to avoid unnoticed opening and reclosure of carton boxes • When tesa® 64006 is removed from the box, the product leaves the message 'OPENED' in different languages on the carton • The tamper evident message 'OPENED' remains clearly visible also after reclosure of the box • Elongation at break: 150%			BOPP	2.8	62	42
			Water-based acrylic			



## Inner packaging tapes

For packaging of food, single items, and small industrial parts, our inner packaging tapes seal securely, easily, and hygienically. Consequently, our inner packaging tapes are used in a wide variety of usages, such as sealing small boxes (cardboard or plastic), cans, and bags.

Product description and application	Color	Backing	Adhesive	Adhesion to steel [N/cm]	Total thickness [µm]	Tensile strength [N/cm]
Filmic inner packaging tapes						
<b>tesa® 62204</b> • Ideally used to seal smaller objects such as boxes or cans • Is regularly used in bakeries or flower shops to seal small bags or wrap flower bouquets • The adhesive also features a high tack and high initial bond • Handling and usage is convenient, can generally be used on all common desk dispensers and can be removed after use without leaving any residues behind • Available in multiple different colors			PVC film	2	63	43
			Natural rubber			
<b>tesa® 60404 Colored PVC tape</b> • Conformable backing in various colors • Versatile high-performance adhesive • Silent unwinding • Very good temperature and humidity resistance • Suitable for heavyweight carton boxes and dangerous goods			PVC film	3.6	67	43
			Natural rubber			
<b>tesa® 64110</b> • NOP!® 64110 is used for manual and automatic sealing of cartons of medium-range range weight			PVC	2	49	43
			Natural rubber			

Color symbols (examples):

○ White ● Black ● Colored ⊗ Transparent ● Colored-translucent ● Metallic ● Two-colored stripes ● Neon



# Bonding and mounting

## The world of double-sided tapes

In many industries double-sided tapes are an important bonding solution. They are used in cars, electronic devices, household appliances, facade elements, windows and doors, glass partition walls, elevators, furniture, etc.

Depending on the tape's specific characteristics, they also dissipate stress due to their viscoelastic behavior, prevent oxidation, and are resistant to UV radiation, extreme temperatures, humidity, aging, and chemicals.

Compared to other bonding technologies like welding, screws, nails, and liquid glue, double-sided adhesive tape provides many advantages.



Retail



Automotive



Building components



Entertainment



### User benefits

- Excellent bonding properties
- Very good adhesion to various surfaces
- Very good conformability
- Different adhesive systems and thicknesses
- Versatile application possibilities

## Main applications



### POS, retail, and displays

Our mounting tapes (e.g. tesa® 4970, tesa® 51970) are used on a wide range of hard-to-bond surfaces such as plastic materials. They can be mounted on different shelf surfaces and are able to withstand stresses from price tags and goods that are frequently exchanged.



### Textiles, fabrics, and films

tesa® 755xx - Team 4965 Transfer supports single-layer or multilayer laminates. The flexibility and adaptability of tesa® 755xx - Team 4965 Transfer enable laminators to harness the advantages of incorporating various functional layers into their design. This combination of components has the potential to create entirely new multilayer products with very specific design functionality.



### Trims and profiles

Double-sided tapes like tesa® 4970 and tesa® 62932 are an ideal solution for attaching trims and profiles. They offer a strong and reliable bond without the need for mechanical fasteners or adhesives that can damage surfaces. Additionally, these tapes provide good conformability, allowing them to adapt to the shape of the trim or profile and the surface to which they are being attached.



### Carpet-laying

Specifically designed for carpet-laying applications, our double-sided tapes, such as tesa® 4964, offer reliable performance. For temporary bonding or attachment of materials in carpet-laying, our removable carpet-laying tapes like tesa® 5938 and tesa® 5939 are ideal choices. They ensure a secure hold during use while leaving surfaces undamaged and residue-free when removed.



### Splicing

Commonly utilized in splicing applications, our mounting tapes like tesa® 4965 and tesa® HAF offer a robust and dependable bond with a discreet profile, devoid of visible adhesive lines or overlaps. Moreover, our double-sided tapes boast additional advantages for splicing purposes, including the ability to withstand high speeds and elevated temperatures, as well as resistance to moisture and chemicals.



### Appliance applications

Widely employed in the appliance market, our mounting tapes serve a multitude of applications including bonding and mounting of parts, as well as sealing and gasketing. These tapes establish a robust and dependable bond between dissimilar materials like metal, plastic, and rubber. Furthermore, our double-sided tapes can effectively fulfill sealing and gasketing requirements for various appliance applications.



## Acrylic core tapes

Constructive bonding is vital but challenging in all industries. Traditional fasteners can be unsuitable or damaging, prompting the need for our high-performance bonding tapes. tesa® ACX<sup>plus</sup> is an acrylic foam tape with unique bonding capabilities, thanks to its viscoelasticity, offering strength and stress relief. It outperforms conventional methods, optimizing production processes, and enhancing product quality and aesthetics.

Product description and application	Color	Backing		Adhesion to steel [N/cm]	Total thickness [µm]	Temperature resistance [°C]
		Adhesive				
<b>tesa® ACX<sup>plus</sup> 707x high resistance</b> • Black acrylic foam tape • Especially designed for demanding outdoor applications • Recommended for bonding of panels and reinforcement bars • Very good temperature resistance with an outstanding cold shock resistance • Thicknesses: 500/ 1,000/ 1, 500/ 2,000 µm	●	Foamed acrylic		20–50	500–2,000	Long term: 120 Short term: 220
		Tackified acrylic				
<b>tesa® ACX<sup>plus</sup> 706x high adhesion</b> • Black acrylic foam tape • Recommended for “hard-to-bond” materials such as powder coatings or plastic surfaces • Unique formulation that combines a very high adhesion level with a very good resistance against plasticizer migration • Thicknesses: 500/ 800/ 1,200/ 1,500 µm	●	Foamed acrylic		24–56	500–1,500	Long term: 70 Short term: 170
		Tackified acrylic				
<b>tesa® ACX<sup>plus</sup> 704x gray/white</b> • Outstanding adhesion properties on a wide range of surfaces • Temperature and weather resistance • Performs well on “hard-to-bond” materials • Thicknesses: 500/ 1,000/ 1,500/ 2,000 µm	○●	Foamed acrylic		25–36	500–2,000	Long term: 120 Short term: 200
		Pure acrylic				
<b>tesa® ACX<sup>plus</sup> 725x MP</b> • Transparent acrylic foam tape • Suitable for a wide range of multipurpose bonding applications • Is able to compensate for thermal elongation of bonded parts • Thicknesses: 500/ 1,100 µm	⊗	Solid acrylic		19–24	500–1,000	Long term: 100 Short term: 200
		Pure acrylic				
<b>tesa® ACX<sup>plus</sup> 727x MP</b> • White and gray acrylic foam tape • Suitable for a wide range of multipurpose bonding applications • Is able to compensate for thermal elongation of bonded parts • Thicknesses: 640/ 800/ 1,100 µm	○●	Foamed acrylic		27–32	640–1,100	Long term: 100 Short term: 200
		Pure acrylic				
<b>tesa® ACX<sup>plus</sup> 728x MP</b> • Black acrylic foam tape • Suitable for a wide range of multipurpose bonding applications • Is able to compensate for thermal elongation of bonded parts • Thicknesses: 640/ 800/ 1,100 µm	●	Foamed acrylic		26–29	640–1,100	Long term: 100 Short term: 200
		Foamed acrylic				
<b>tesa® Adhesion Promoter</b>						
<b>tesa® 60150 - Universal / tesa® 60151 - Glass / tesa® 60153 - Fast Cure</b> • Our universal adhesion promoter is recommended for a broad variety of substrates including zinc, steel, and PP/EPDM*. Its UV-traceability allows easy quality control during the application process • This highly transparent adhesion promoter was specifically developed to ensure permanent bonding and moisture resistance on glass substrates • Our fast-curing adhesion promoter can be used on various surfaces, including PP/EPDM*						

\*Polypropylene diene monomer

## Advantage of double-sided tapes vs. liquid glue and mechanical fastening

		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	●●●●	●●●●	●

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





## Double-sided film tapes

Double-sided film tapes are thin and stable, perfect for bonding flat, smooth surfaces like glass, metal, and non-embossed plastics. Thicker tapes perform well on rough surfaces and have good temperature resistance. With a variety of thickness options there are various performance and cost-effective choices available. Selected tapes for lamination and converting applications offer very low VOC emissions.

Product description and application	Color	Backing		Adhesion to steel [N/cm]	Total thickness [µm]	Temperature resistance [°C]
		Adhesive				
<b>tesa® 4965</b> • Suitability for critical demands such as heavy stress and high temperatures • Skin contact certification according to ISO 10993-5 and ISO 10993-10 • In accordance with UL standard 969. UL file: MH 18055 • Reliable bond even on low surface energy surfaces • Immediate usability right after assembly • Light and aging-resistant acrylic adhesive for long-term applications	⊗	PET film		11.8	205	Long term: 100 Short term: 200
		Tackified acrylic				
<b>tesa® 51966</b> • Excellent initial bonding strength • Full suitability for long-term applications • Designed for converter and tape specialist business • Excellent converting properties	⊗	PET film		11	200	Long term: 80 Short term: 130
		Tackified acrylic				
<b>tesa® 4970</b> • High adhesion and very good bonding strength, even on low surface energy materials • Immediate functionality of the laminated bond due to excellent initial tack • Light and aging-resistant acrylic adhesive for long-term applications • Very good plasticizer resistance • Good conformability for good adhesion even on rougher surfaces due to the PVC backing	○	PVC		13.6	225	Long term: 60 Short term: 70
		Tackified acrylic				
<b>tesa® 51970</b> • Excellent combination of high initial tack and immediate adhesion • Light and aging-resistant acrylic adhesive for long-term applications • Reliable bond even on low surface energy substrates and rough surfaces	⊗	PP film		13.5	220	Long term: 80 Short term: 130
		Tackified acrylic				
<b>tesa® 64620</b> • Very high adhesion and initial tack • Very good adhesion to nonpolar surfaces • Aging- and temperature-resistant	○	PP film		14.5	185	Long term: 40 Short term: 80
		Synthetic rubber				
<b>tesa® 64621</b> • Very high adhesion and initial tack • Very good adhesion to nonpolar surfaces • Suitable for indoor applications or prefixing	⊗	PP film		15	90	Long term: 40 Short term: 80
		Synthetic rubber				
<b>tesa® 51967</b> • Extremely high holding power even at elevated temperatures • Superior converting performance due to strong PET backing and reduced adhesive mass flow • Good bonding performance even to LSE materials	●	PET film		12	160	Long term: 100 Short term: 200
		Tackified acrylic				
<b>tesa® 4967</b> • Extremely high holding power even at elevated temperatures • Superior converting performance due to strong PET backing and reduced adhesive mass flow • Good bonding performance even to LSE materials	⊗	PET film		12	160	Long term: 100 Short term: 200
		Tackified acrylic				

Product description and application	Color	Backing		Adhesion to steel [N/cm]	Total thickness [µm]	Temperature resistance [°C]
		Adhesive				
<b>tesa® 4137</b> • High reflectivity of both light and heat radiation • High shear strength • High ageing resistance	●	PET film		6	50	120
		Acrylic				



## Double-sided foam tapes

Double-sided foam tapes offer versatile solutions for various applications. With their unique backing, they can compensate for gaps, bond different substrates, and reduce noise and vibrations. These tapes come in different compositions, suitable for both lightweight and demanding mounting tasks, whether permanent or temporary, and can even adhere to low surface energy (LSE) surfaces. Additionally, certain foam tapes exhibit excellent outdoor performance, with resistance against UV, humidity, and aging.

Product description and application	Color	Backing		Adhesion to steel [N/cm]	Total thickness [µm]	Temperature resistance [°C]
		Adhesive				
<b>tesa® 4952</b> • Strong PE foam • High thickness compensates for gaps and uneven surfaces • Tension and shock absorption • High initial tack even at low bonding pressures • Certified for permanent mirror mounting • UV, humidity, and aging resistance	○	PE foam		8	1,150	Long term: 80 Short term: 80
		Tackified acrylic				
<b>tesa® 6293x</b> • High foam strength for demanding applications • UV, water, and aging resistance • Excellent cold shock performance • Versatile adhesive for excellent initial tack and high ultimate strength • Thicknesses: 500/ 800/ 1,000/ 1,600 µm	●○	PE foam		17–19	500–1,600	Long term: 80 Short term: 80
		Tackified acrylic				
<b>tesa® 4957</b> • Versatile adhesive for high initial tack on numerous substrates • UV-, water-, and ageing-resistant • Compensates differences in thermal expansion between dissimilar materials • High initial tack even at low bonding pressures • Very good cold shock absorption	○●	PE foam		4	1,100	Long term: 80 Short term: 80
		Tackified acrylic				
<b>tesa® 625xx</b> • Medium-high foam strength for wide range of applications • UV, water, humidity, and aging resistance • Excellent cold shock performance • Reliable adhesive for good initial tack and good ultimate strength	●○	PE foam		6–13.5	500–3,000	Long term: 80 Short term: 80
		Tackified acrylic				
<b>tesa® 64958</b> • Highly conformable PE-foam • High immediate bonding strength even on rough or uneven surfaces • High bonding strength at low mounting pressure • High bonding strength on low surface energy substrates	○	PE foam		4	1,050	Long term: 40 Short term: 60
		Synthetic rubber				





## Non-woven tapes

Double-sided non-woven tapes feature adhesive layers sandwiched between non-woven fabric backings. These tapes offer excellent conformability and adhesion to uneven surfaces, allowing for instant bonding without heat or solvents. They are frequently used in industries like automotive, construction, and electronics, as well as in crafting and DIY projects, to achieve strong bonds between surfaces with different textures. Double-sided non-woven tapes cater to specific application requirements.

Product description and application	Color	Backing		Adhesion to steel [N/cm]	Total thickness [µm]	Temperature resistance [°C]
		Adhesive	Backing			
<b>tesa® 4962</b> <ul style="list-style-type: none"> <li>Excellent initial tack and peel adhesion</li> <li>Light and aging-resistant acrylic adhesive for long-term applications</li> <li>Very good bonding strength, even to low surface energy materials</li> <li>Outstanding converting and die-cutting properties</li> </ul>	⊗	Non-woven	12	160	Long term: 80 Short term: 200	
		Tackified acrylic				
<b>tesa® 4959</b> <ul style="list-style-type: none"> <li>High initial tack and peel adhesion</li> <li>Light and aging-resistant acrylic adhesive for long-term applications</li> <li>Very good bonding strength, even to low surface energy materials</li> <li>Highly conformable to follow difficult 3D shapes due to non-woven backing</li> </ul>	⊗	Non-woven	8.5	100	Long term: 80 Short term: 200	
		Tackified acrylic				
<b>tesa® 4943</b> <ul style="list-style-type: none"> <li>Double-sided</li> <li>High initial tack</li> <li>Good shear resistance</li> <li>For lamination of leather, textiles, and foams</li> <li>For mounting of light parts</li> </ul>	⊗	Non-woven	5.5	100	Long term: 70 Short term: 100	
		Tackified acrylic				
<b>tesa® 5157x</b> <ul style="list-style-type: none"> <li>Very conformable to flexible and uneven substrates</li> <li>Very high adhesion and initial tack</li> <li>Very good adhesion to nonpolar surfaces</li> <li>Suitable for indoor applications or prefixing</li> <li>Thicknesses: 110/ 160 µm</li> </ul>	⊗	Non-woven	12–12.5	110/ 160	Long term: 40 Short term: 80	
		Synthetic rubber				



## Transfer and scrim tapes

Double-sided transfer tapes are unique as they lack a backing, while scrim tapes have a scrim-reinforced adhesive mass. These transparent and highly conformable tapes do not permit repositioning but excel in lamination, splicing, and lightweight mounting. They are particularly suitable for thin and flexible substrates. With solvent-free production, these tapes offer an environmentally friendly application process and have low VOC features.

Product description and application	Color	Backing		Adhesion to steel [N/cm]	Total thickness [µm]	Temperature resistance [°C]
		Adhesive	Backing			
<b>tesa® 755xx</b> <ul style="list-style-type: none"> <li>Excellent immediate adhesion to uneven surfaces, high initial tack</li> <li>Suitable for a wide range of multipurpose lightweight mounting applications and the lamination of flexible and thin materials</li> <li>Conformable to every angle and direction, aging-resistant</li> <li>Equipped with the unique and well-proven tesa® 4965 tackified acrylic adhesive</li> <li>Thicknesses: 50/ 75/ 125 µm</li> </ul>	⊗	-	Tackified acrylic	8–14	50–125	Long term: 100 Short term: 200



## Cloth tapes

Cloth tapes are very good for bonding to rough surfaces and can be removed quickly and cleanly after use. The cloth carrier offers resistance to tearing yet itself is hand-tearable.

Product description and application	Color	Backing		Adhesion to steel [N/cm]	Total thickness [µm]	Temperature resistance [°C]
		Adhesive	Backing			
<b>tesa® 4964</b> <ul style="list-style-type: none"> <li>Thick natural rubber adhesive coating</li> <li>Tear-resistant flexible fabric backing</li> <li>High initial tack even on rough surfaces</li> <li>Removable without residue on common substrates</li> <li>Hand-tearable</li> </ul>	○	Cloth	Natural rubber	7.6	390	Long term: 30 Short term: 100
<b>tesa® 4934</b> <ul style="list-style-type: none"> <li>Universal double-sided adhesive tape</li> <li>Thick adhesive coating with high initial tack even on rough surfaces</li> <li>Hand-tearable</li> </ul>	○	Cloth	Synthetic rubber	24	200	Long term: 40 Short term: 60



### tesa® HAF

tesa® HAF is a thermosetting adhesive system. An irreversible cross-linking reaction is initiated by heat and pressure starting at temperatures above 120°C, resulting in extremely strong bonds. The product withstands the harshest conditions by combining outstanding chemical and aging resistance.

Product description and application	Color	Backing	Dynamic shear strength on Al/Al [MPa]	Total thickness [µm]	Temperature resistance [°C]
		Adhesive			
<b>tesa® HAF 8410</b> <ul style="list-style-type: none"> <li>Reliable chip module bonding</li> <li>Suitable for PVC, ABS, PET, and PC cards</li> <li>Good workability on all common implanting lines</li> <li>Outstanding aging resistance</li> <li>Lifelong flexibility due to high rubber content</li> </ul>	●	-	≥ 12	60	120–220
		Nitrile rubber / Phenolic resin			

### tesa® Laser-Label



Product description and application	Color	Backing	Dynamic shear strength on Al/Al [MPa]	Total thickness [µm]	Temperature resistance [°C]
		Adhesive			
<b>tesa® Laser Label 6930</b> <ul style="list-style-type: none"> <li>Laser-label: Laser markable and self-adhesive</li> <li>The backing is highly resistant against chemicals, abrasion, temperature and ageing</li> <li>The adhesive system consists of a resin modified acrylic suitable even for low energy surfaces</li> </ul>	● ○	Acrylic	-	95-120	Long term: 120 Short term: 250
		Acrylic			

### tesa® PTFE Tape



Product description and application	Color	Backing	Dynamic shear strength on Al/Al [MPa]	Total thickness [µm]	Temperature resistance [°C]
		Adhesive			
<b>tesa® PTFE Tape 4830</b> <ul style="list-style-type: none"> <li>Excellent release properties due to PTFE surface and its low surface energy</li> <li>Special silicone adhesive with well-balanced properties: Excellent adhesion level, residue free removable, no oozing at the edges</li> <li>Smooth surface with low friction coefficient</li> <li>Enhanced mechanical stability and abrasion resistance</li> <li>Tensitized material for high tensile strength</li> <li>Excellent temperature resistance</li> <li>Superior resistance against chemicals and solvents</li> </ul>	●	PTFE film	3.5	160	220
		Silicone			

Color symbols (examples):

○ White ● Black ● Colored ⊗ Transparent ● Colored-translucent ● Metallic ● Two-colored stripes ● Neon



### Versatile repair and safety solutions for industrial production

Our repair tapes, including cloth, duct, aluminum, and filmic tapes, provide versatile solutions for industrial production needs. They are suitable for various tasks such as small repairs, thermal and electrical insulation, joining, sealing, and floor marking. Some tapes are weather-resistant and robust, making them ideal for outdoor and extreme temperature applications. Our PVC insulating tapes meet international safety standards. Additionally, our marking, warning, and anti-slip tapes help create safer work environments and complement 5S manufacturing initiatives. No matter your specific requirements, our wide range of tapes ensures we have the perfect solution for you.



Entertainment



Building



Agriculture



Manufacturing and logistics



#### User benefits

- Available in a great variety of colors for visual differentiation
- Hand-tearable for efficient and effective workflows
- Stable and reliable quality that has been proven over and over again

## Main applications



### Fastening of protection material

During the seasonal storage of ships or during coatings renewal, films are employed to cover large parts, while tapes are utilized to fix and secure the cover material. Similarly, in construction sites, duct tapes play a crucial role in holding protective layers, including plastic films, paper sheets, and even more rigid materials like oriented fiberboard, to prevent damage. A notable advantage of these tapes is their ability to be torn by hand, facilitating their manual application, especially given their considerable weight.



### Floor marking, warning, and anti-slip

Marking, warning, and anti-slip tapes enhance workplace safety. Our bright, highly visible tapes aid easy identification in safety-sensitive areas and complement 5S manufacturing efforts. Our product range includes mechanically stress-resistant tapes for permanent marking and warning applications. Color variations facilitate easy understanding, while eye-catching markings are essential for areas like fire extinguishers and first-aid stations. Complying with laws, guidelines, and certifications, these tapes contribute to creating a safer work environment.



### Insulation

Electrical installation and repair work calls for the right adhesive tape. Our PVC insulating tapes are ideal for cable insulation and marking. They also meet international safety standards such as the IEC and IMQ. Insulation tapes from tesa are available in various colors and some of them are resistant to aging, weather, abrasion, and fire.



### Repairing

Repairing instead of renewing proves to be a more sustainable and cost-saving approach. For instance, for agricultural markets we offer repairing tapes specifically designed for greenhouse films and silage cover films. By using these tapes, farmers can effectively mend minor damage in the films, extending their lifespan and reducing the need for frequent replacements, which ultimately benefits both the environment and budgets.



### Bundling

During transportation on pallets, it is common practice to secure goods by strapping them together to prevent any movement. This process demands strapping tapes with high tensile strength to ensure reliable and sturdy fastening. Our selection of strapping tapes offers the perfect assortment to meet these requirements, providing a dependable solution for effectively securing goods during transit.




## Duct and gaffer tapes

Duct tapes – the universal helpers – are especially suitable for general-purpose and temporary applications. They have a relatively low tensile strength and only limited resistance to weathering.

Product description and application	Color	Backing	Adhesion to steel [N/cm]	Total thickness [µm]	Tensile strength [N/cm]
		Adhesive			
<b>tesa® 4610</b> <ul style="list-style-type: none"> <li>• Low-grade duct tape with basic tape features and attractive performance profile</li> <li>• Very good adhesion level on various substrates</li> <li>• High initial tack on multiple materials</li> <li>• Easy to tear by hand</li> <li>• Easy to unwind</li> </ul>	●	PE-laminated cloth	4.5	150	30
		Synthetic rubber			
<b>tesa® 4600</b> <ul style="list-style-type: none"> <li>• Insulates and protects wiring and connections</li> <li>• Sealing applications in engine compartment</li> <li>• Wraps hydraulic fittings and other exposed metal connections to prevent corrosion</li> <li>• Masking applications in powder coating, liquid coating, e-coating, anodizing, and plating</li> <li>• Automotive applications for wire harness as well as general repairs</li> <li>• Breakdown voltage (volt): 8000</li> <li>• Elongation at break: 750%</li> </ul>	●	Silicone	-	500	33
		Self amalgamating			






## Repairing tapes

Product description and application	Color	Backing		Adhesion to steel [N/cm]	Total thickness [μm]	Tensile strength [N/cm]
		Adhesive				
<b>tesa® 74613</b> • For all repairs and fixations: Quick to apply and easy to tear by hand • Can be used both outdoors and indoors • Water repellent and works even on slightly rough surfaces • Easy to unwind and adapts to every product to ensure clean sealing		PE-film with PET-filament		7	175	40
		Synthetic rubber				



## Marking and warning tapes



For permanent marking and warning applications, you need highly visible and mechanically stress-resistant tapes. Different colors make the guiding easier to understand. Particular places like fire extinguishers or first-aid stations require eye-catching marking. Different laws, guidelines, and certifications also require areas to be marked off to create a safe work environment.

Product description and application	Color	Backing		Adhesion to steel [N/cm]	Total thickness [μm]	Tensile strength [N/cm]
		Adhesive				
<b>tesa® 65537</b> • Temporary marking applications • Identify and mark mobile and stationary objects • Adhesion on many different surfaces • Elongation at break: 220%		Soft PVC		2	150	33
		Natural rubber				
<b>tesa® 4169 Permanent marking tape</b> • Heavy-duty permanent marking for high-traffic areas; withstands overrun from forklifts • Robust and resistant PVC backing; hand-tearable • Flexible backing to cope with curves • Good adhesion to various surfaces		Soft PVC		1.8	180	30
		Acrylic				
<b>tesa® 60760 Marking tape</b> • Moderate, temporary marking for mobile and stationary objects • Resistant PVC backing; hand-tearable • Good adhesion to various surfaces		Soft PVC		2	150	33
		Natural rubber				



## Anti-slip tapes

Slip-resistant tapes play a vital role in enhancing workplace safety by promoting good grip and ensuring safe footing. Our vividly colored tapes offer excellent visibility, making it effortless to identify potential hazards and serve as warning signals. They provide the ideal solution to support 5S manufacturing initiatives and effectively structure our workplaces, prioritizing safety at all times.

Product description and application	Color	Backing		Adhesion to steel [N/cm]	Total thickness without liner [μm]	Tensile strength [N/cm]
		Adhesive				
<b>tesa® 60950/51/52/53 Anti-Slip tape</b> • Durable and slip-resistant backing for applications such as industrial flooring • Good adhesion for secure bonding to most surfaces • Anti-slip certification R13 according to DIN 51130 • tesa® 60953 glows in the dark for up to 20 minutes		PVC film coated with mineral particles		5.8	720	50
		Acrylic				
<b>tesa® 60954 Anti-Slip tape heavy duty</b> • Highly durable backing with extra slip resistance for applications in extreme conditions, e.g. construction vehicles or platforms and ramps • Reduced clogging due to coarse particles • Bright yellow and black and yellow stripes ensure strong visibility for easy identification • Anti-slip certification R13 according to DIN 51130 (R12 for black-yellow)		PVC film coated with large mineral particles		7	1,185	80
		Acrylic				





# Masking

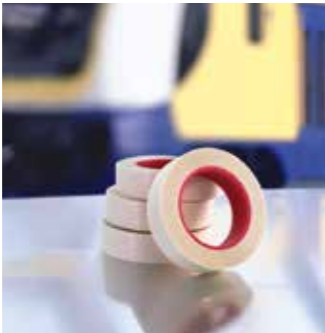
## Optimal results in industrial environments

The importance of masking applications in industrial processes is often underestimated. In many cases, masking applications can strongly impact production efficiency and the overall quality of products. Only the use of appropriate masking products that offer reliable quality can help to deliver optimal results, thus avoiding unnecessary trouble in production. Our masking solutions have been carefully developed and prove their outstanding quality each and every day in various applications worldwide.

We offer a broad assortment of reliable masking tape solutions for almost any application requirement. This folder will help you to select the product best suited to your individual needs.



Automotive




Railway



Marine



Special vehicles



**User benefits**

- Temperature-resistant
- Residual-free removal
- Good adhesion to various substrates

**By using our products, you will benefit from:**

- A wide range to serve even the most demanding applications

- Easy selection, thanks to clear descriptions of the tapes, their properties, and fields of application
- Stable and reliable quality that has been proven multiple times
- Technical customer service by experienced and highly skilled engineers

## Main applications



**Spray painting**  
Coating process by which the material is applied to surfaces with a spray gun or via other techniques (rollers, brushes, etc.). High temperatures are often applied to cure the coating. Masking tapes are used to protect areas that should not be coated.



**Sandblasting**  
Surface treatment using abrasive materials applied to the substrate via air pressure. The technique is used to remove coatings or impurities and also for surface modification (e.g. improving durability of metal surfaces). Selection of an appropriate product depends on the aggressivity of blasting material, air pressure, and duration of the process.



**Powder coating**  
Free-flowing powders of thermoplastic or thermoset polymers are typically transferred to surfaces via electrostatic forces. The coating is heat-treated (180–220°C), which leads to a melting of the powder and the formation of a thick and even coating layer.



**Surface protection**  
Temporary protection of different surfaces to prevent damage through dust, moisture, scratches, or mechanical impact.



## Spray painting

Coating process by which the material is applied to surfaces with a spray gun or via other techniques (rollers, brushes, etc.). High temperatures are often applied to cure the coating. Masking tapes are used to protect areas that should not be coated.

Product description and application	Color	Backing Adhesive	Adhesion to steel [N/cm]	Total thickness [μm]	Tensile strength [N/cm]	Temperature resistance [°C/1 h]
<b>tesa® 4341</b> • High temperature resistance up to 140°C • Strong adhesion to various surfaces • High tear strength • Reliable fixing of large area masks against overspray	●	Slight crepe paper	4.7	190	47	140
		Natural rubber				
<b>tesa® 4316</b> • Temperature resistance up to 100°C • Good adhesion and tear resistance • Reliable fixing of large areas masks against overspray	●	Slight crepe paper	3.4	140	38	100
		Natural rubber				
<b>tesa® 4323</b> • Temperature resistance up to 70°C • Thin and flexible • Suitable for all general masking applications	●	Slight crepe paper	2.8	125	33	80
		Natural rubber				
<b>tesa® 4345</b> • Saturated semi crepe paper masking tape coated with solvent based natural rubber adhesive • Suitable for all masking applications and light automotive use	●	Impregnated crepe paper	3	105	85	60
		Solvent based, natural rubber				
<b>tesa® 4349</b> • The crepe paper backing ensures a good conformability • The natural rubber adhesive system features good adhesion and tack to various surfaces like metal, glass, rubber and many more	●	Slight crepe paper	2	110	33	60
		Natural rubber				
<b>tesa® 4329</b> • Thin and flexible • Suitable for all general masking applications	●	Slight crepe paper	3	130	33	70
		Natural rubber				
<b>tesa® 64316</b> • Thin and comfortable backing • Resistant to wet sanding • Suitable for different paints and fillers • Excellent adhesion for holding masks against overspray	●	Slight crepe paper	3.4	140	38	100
		Natural rubber				



## tesa® Precision Mask

Our tesa® Precision Mask tapes have been developed to deliver sharp, clean, and flat paint edges every time without leaving any residues or tearing for efficient processes. The product design makes these tapes the ideal solution for demanding paint jobs, such as two-tone masking.

Product description and application	Color	Backing Adhesive	Adhesion to steel [N/cm]	Total thickness [μm]	Tensile strength [N/cm]	Temperature resistance [°C/1 h]
<b>tesa® 4334</b> • Excellent for straight and long lines in two-tone applications • High temperature resistance up to 150°C for 30 min. • Eight weeks UV resistance for outdoor use • Ensures sharp, clean, and flat paint lines	●	Washi paper	1.8	90	30	150 (30 min.)
		Acrylic				
<b>tesa® 4174</b> • Excellent for curves and multidimensional surfaces • Recommended for two-tone applications with oven drying up to 150°C • Highly accurate and flat paint edges	●	PVC film	3.4	110	25	150
		Natural rubber				
<b>tesa® 4129</b> • The thin high-temperature tape conforms well around irregular shapes • High resistance to humidity and chemicals • Thin tape design for good conformability	⊗	PET film	2.3	50	-	200
		Acrylic				



## Powder-coating tapes

These high-temperature tapes featuring a heat-resistant backing with a silicone adhesive provide the perfect solution for versatile powder coating applications.

Product description and application	Color	Backing Adhesive	Adhesion to steel [N/cm]	Total thickness [μm]	Tensile strength [N/cm]	Temperature resistance [°C/1 h]
<b>tesa® 50600</b> • Easy to apply • High temperature resistance up to 220°C / 428°F (30 min.) • One-piece removal without leaving residues	●	PET	4	80	75	220 (30 min.)
		Silicone				
<b>tesa® 50620</b> • Residue-free removability for masking and surface protection • Temperature resistance up to 200°C (30 min.)	●	PET	3.6	70	75	200 (30 min.)
		Silicone				



## Sandblasting tapes

Surface treatment with abrasives is done using air pressure to remove coatings, impurities, and enhance the durability of metal surfaces. The selection of a suitable product depends on the aggressiveness of the blasting material, air pressure, and process duration.

Product description and application	Color	Backing Adhesive	Adhesion to steel [N/cm]	Total thickness [μm]	Tensile strength [N/cm]	Durability
<b>tesa® 4434</b> <ul style="list-style-type: none"> <li>Very tough and resistant paper backing</li> <li>Easy to cut by hand</li> <li>Suitable as stencil material</li> <li>Also used as protection material during grinding and general metalwork</li> <li>Good adhesion to various surfaces, clean removal</li> </ul>	●	Flat paper	3.5	670	180	●●●●
		Natural rubber				
<b>tesa® 4432</b> <ul style="list-style-type: none"> <li>Tough and resistant paper backing</li> <li>Easy to cut by hand</li> <li>Suitable as stencil material</li> <li>Good adhesion to various surfaces, clean removal</li> </ul>	●	Flat paper	8	330	93	●●●
		Natural rubber				
<b>tesa® 4688</b> <ul style="list-style-type: none"> <li>Very good conformability</li> <li>Good hand-tearability in MD/CD*</li> <li>Tough and resistant cloth backing</li> <li>Good adhesion to various surfaces, clean removal</li> </ul>	●●●●●	PE-extruded cloth	4.5	260	52	●●
		Natural rubber				
<b>tesa® 4657</b> <ul style="list-style-type: none"> <li>Very good conformability</li> <li>Excellent hand-tearability in MD/CD*</li> <li>Very tough and resistant cloth backing</li> <li>Thermosetting natural rubber adhesive for high temperatures</li> <li>Good adhesion to various surfaces, clean removal</li> </ul>	●●	Acrylic coated cloth	4.6	290	105	●●●
		Natural rubber				

Durability:  
 ● low ●● medium ●●● good ●●●● very good

\*Machine and cross direction



## Surface protection tapes

Our surface protection solutions have undergone meticulous development and consistently demonstrate exceptional quality across a wide range of global applications. They provide temporary protection for various surfaces, safeguarding against damage caused by dust, moisture, scratches, and mechanical impact.

Product description and application	Color	Backing Adhesive	Adhesion to steel [N/cm]	Total thickness [μm]	Tensile strength [N/cm]	Temperature resistance [°C/1 h]
<b>tesa® 51136</b> <ul style="list-style-type: none"> <li>For protection of smooth and rougher and multidimensional surfaces</li> <li>High resistance against scratches</li> <li>Good conformability</li> </ul>	●	PE film	2.4	105	19	100
		Acrylic				
<b>tesa® 4848</b> <ul style="list-style-type: none"> <li>Standard protection film for smooth surfaces such as plastic parts, glass, and metal</li> <li>Easy to remove without residue</li> <li>Four weeks' UV resistance for outdoor storage</li> </ul>	⊗	PE film	0.8	48	12	60
		Acrylic				

Color symbols (examples):

○ White ● Black ● Colored ⊗ Transparent ● Colored-translucent ● Metallic ● Two-colored stripes ● Neon





# Strapping

## Our strongest tapes

Our strapping tapes are based on carefully selected backings combined with proprietary adhesive systems. Consequently, they offer just the right mix of strength, versatility, and reliability for a great variety of applications. Strapping tapes are frequently used to protect delicate surfaces, fix loose parts, protect key components against shocks and mechanical stress during transport, and to bundle and palletize all sorts of transport units.



Appliances




Metal



Transportation



Office automation



**User benefits**

- Reliable fixing and protection against transport damage, scratches, damage, and dirt
- Reduction of costs for handling claims or replacement of damaged parts
- Positive end-user experience
- No extra work to clean or remove marks
- High level of safety for personnel handling transport units

## Main applications



### Transport securing

Strapping tapes are commonly used to protect delicate surfaces, fix movable parts, and protect key components such as doors and hinges against damage caused by shocks and mechanical stress during moving and handling, transport, warehousing, and installation.



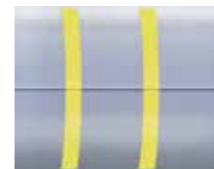
### Bundling

Before loose or packaged goods can be transported, they need to be bundled or palletized. To prevent consignments from slipping, moving, and shifting, especially strong tapes with sturdy backings, allowing only minimal elongation while under pressure from mechanical and environmental stress, are needed.



### Surface protection

Before the assembly and installation of various parts and products, delicate surfaces need to be protected against scratches, stains and dirt.



### Temporary fixing

Movable parts need to be firmly held in place during assembly operations, while loose parts often need to be permanently fixed for the lifetime of the end product.





## Strapping tapes

Our strapping tapes feature custom-made tensilized polypropylene backings and proprietary adhesive systems, providing an optimal balance of strength, versatility, and reliability for diverse applications. They are commonly employed to safeguard delicate surfaces, secure loose parts, protect key components from shocks and mechanical stress during transportation, and bundle and palletize various types of transport units.

Product description and application	Color	Backing Adhesive	Adhesion to steel [N/cm]	Total thickness [µm]	Tensile strength [N/cm]	Elongation at break [%]
<b>tesa® 4289</b> <ul style="list-style-type: none"> <li>Heavy-duty bundling</li> <li>Temporary fixing</li> <li>Heavy-duty palletizing, reinforcing, and box closure</li> <li>Metal coil end-tapping</li> <li>High abrasion resistance</li> <li>Residue-free removability from a variety of different surfaces without discoloration</li> <li>High-performance surface protection</li> </ul>	●	MOPP Synthetic rubber	7	144	420	35
<b>tesa® 64284</b> <ul style="list-style-type: none"> <li>Stain and adhesive transfer-resistant</li> </ul>	●	MOPP Synthetic rubber	6	110	300	35
<b>tesa® 4287</b> <ul style="list-style-type: none"> <li>Lightweight bundling applications</li> <li>Palletizing</li> <li>Reinforcing and unitizing</li> </ul>	⊗●	MOPP Synthetic rubber	6	79	180	35
<b>tesa® 64283</b> <ul style="list-style-type: none"> <li>With a synthetic rubber adhesive system</li> <li>Stain and adhesive transfer resistant</li> <li>Closing, holding and securing in the appliance, office automation and furniture industry</li> </ul>	●	MOPP Synthetic rubber	6	77	180	35



## Filament tapes

Our filament tapes have robust characteristics and may be used for different applications where safety and strong holding power are necessary. These tapes with fiberglass reinforcement provide security in cases where regular strapping tapes are not strong enough to withstand very heavy weight, strong abrasion, or extreme shear force.

Product description and application	Color	Backing Adhesive	Adhesion to steel [N/cm]	Total thickness [µm]	Tensile strength [N/cm]	Elongation at break [%]
Mono						
<b>tesa® 4590</b> <ul style="list-style-type: none"> <li>Tear-resistant</li> <li>Excellent adhesion to a variety of corrugated and solid board surfaces</li> <li>Very high tack and a short dwell time until reaching final adhesive power</li> </ul>	⊗	Fiberglass / PET film Synthetic rubber	9	105	250	-
Cross						
<b>tesa® 4578</b> <ul style="list-style-type: none"> <li>Excellent adhesion to a variety of corrugated and solid board surfaces</li> <li>Secure bond to various substrates, even to non-polar surfaces like PE and PP</li> </ul>	⊗	PET-fibre / BOPP Synthetic rubber	8	175	230	-
<b>tesa® 4591</b> <ul style="list-style-type: none"> <li>Tear-resistant</li> <li>Excellent adhesion to a variety of corrugated and solid board surfaces</li> <li>Very high tack and a short dwell time before reaching final adhesive power</li> </ul>	⊗	Glassfibre / PET film Synthetic rubber	9.5	140	250	-

Color symbols (examples):

○ White ● Black ● Colored ⊗ Transparent ● Colored-translucent ● Metallic ● Two-colored stripes ● Neon

# More than just adhesive tape

## Individual die-cuts for your optimal process

Take advantage of the opportunity to use die-cuts made from tesa® adhesive tapes. Start using the diverse possibilities of individually designed die-cuts as early as the development of your products, the planning of your work processes, and the cost calculation.



- Make sure that:
- Your production process runs smoothly and quickly
  - Your employees can effectively process all orders
  - Your product is free from rework

The perfect result is achieved when you adapt the tesa® adhesive tape that matches the substrate individually to your production process. A real added value that helps you



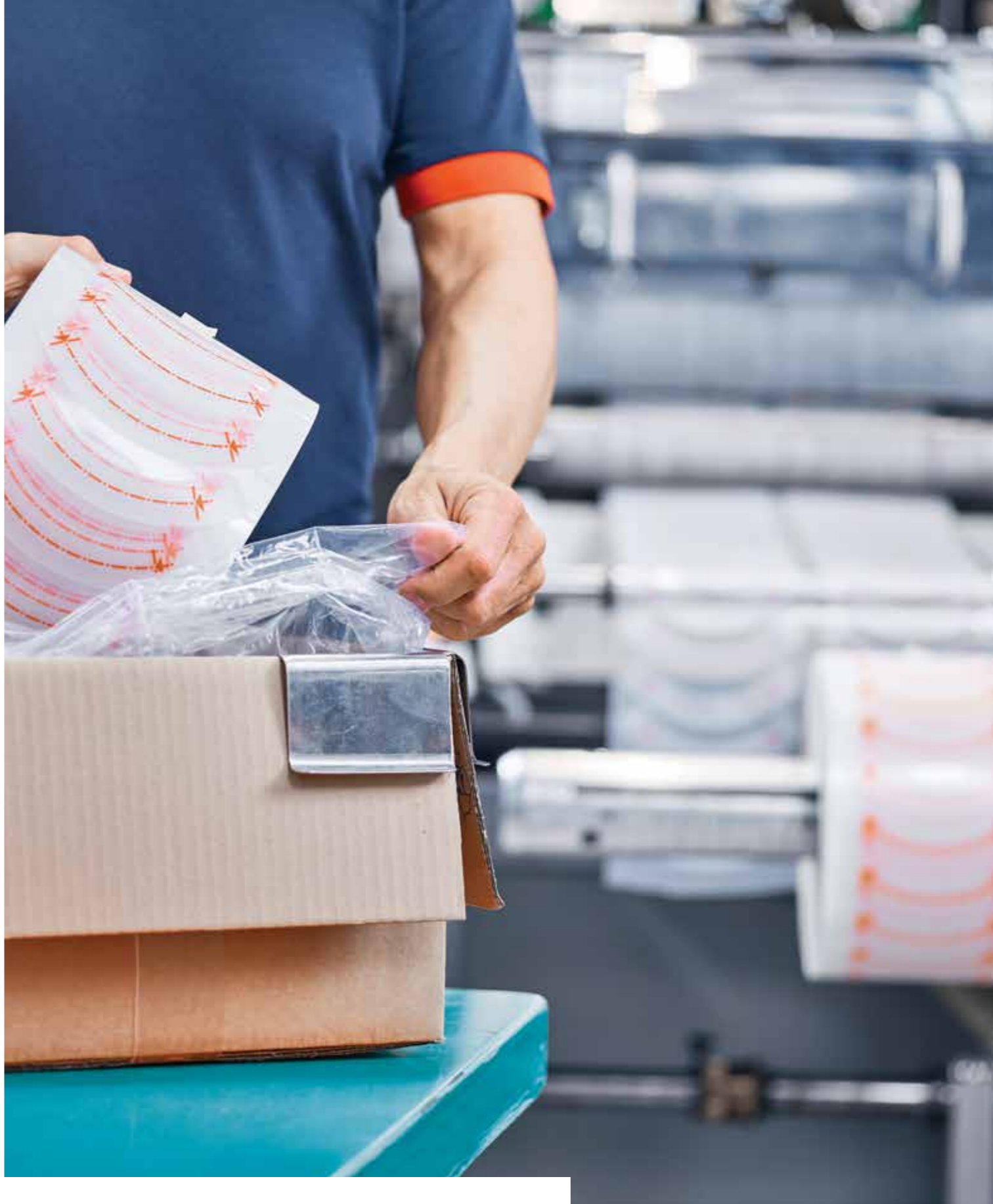
to find the optimum connection to your products, increase their quality, save time, and reduce waste in the production process.


Your company produces with passion and the highest quality standards. As a partner for the industrial sector, we support you in defining the best solution for your production process and in finding the ideal method of application.

Converting includes very diverse possibilities of processing adhesive tapes, for example:


- 1 Laminating
- 2 Cutting
- 3 Punching
- 4 Lasers

Adapting the die-cut parts to your process makes the adhesive tape your individual and unique product. The perfect preparation of the die-cut part, whether as a roll, sheet, or family sheet with tabs or positioning holes, effectively enhances the quality of your work processes and your product. It is definitely worth knowing and evaluating all options. Just give us a call!





For more information, simply scan the QR code:





## Customer Solution Center

### Technical customer service – our top priority

We offer you a wide range of products supporting you in all of your business fields. Many options often require a closer look into the specific application. Here we can support you by taking into account the customers' materials, their application process, and the operating conditions for the product in use.

From a range of several hundred adhesive tape solutions, we select the right product for your customers' application whilst considering their specific requirements.

In our Customer Solution Centers we analyze customers' materials, in combination with our adhesive tape products, according to the application-specific demands, such as bonding power, shock absorption, resistance to environmental impacts, removability, and much more.

During on-site visits, we assist you in detecting such requirements and translate these into appropriate test programs. Not only do we recommend the suitable products, we also support the implementation stage of our solutions into your

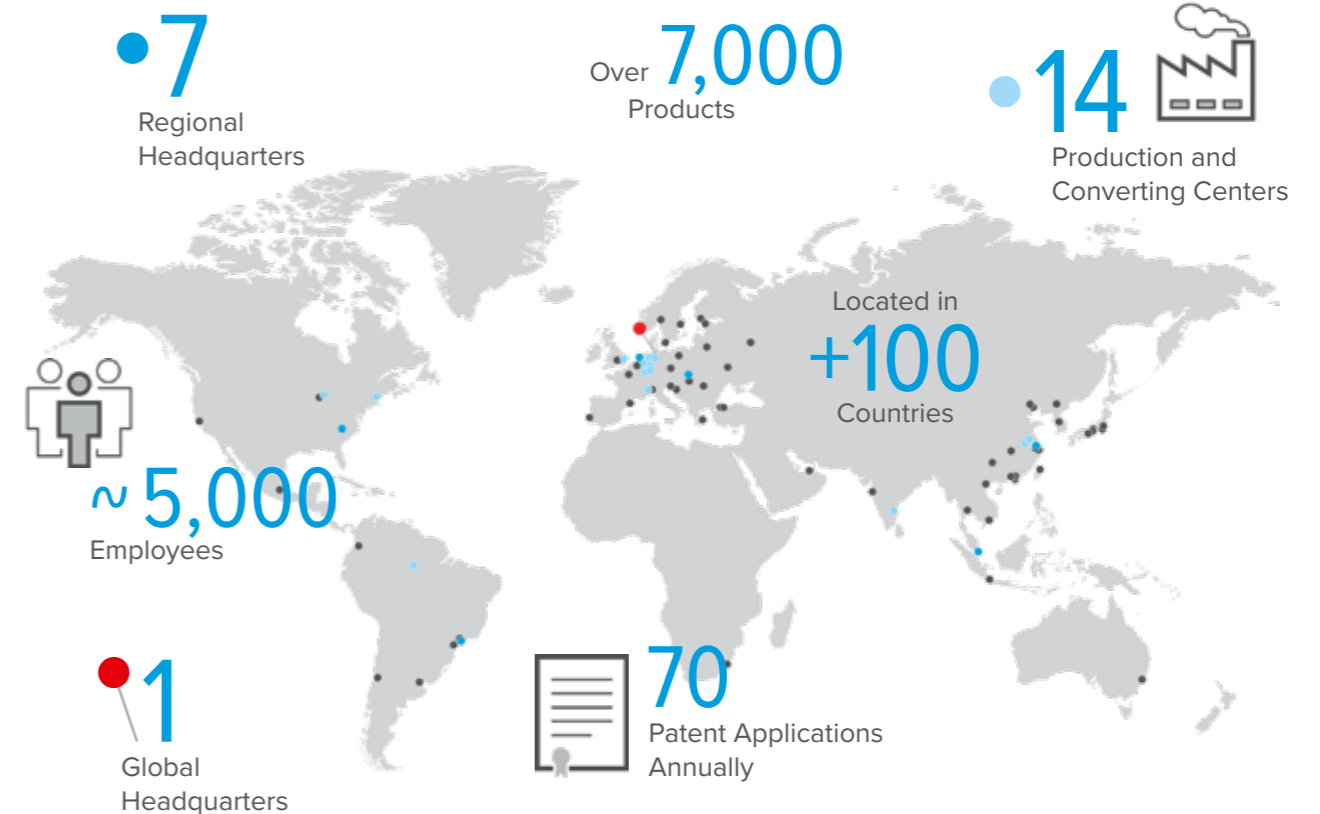
customers' process with application tools and equipment. Based on our modular training program, we individually teach you and your customers about the adhesive tape technology, along with our products, their applications, and corresponding tools. This can either be done at our technical training facilities or even as on-site training on your or the customer's premises.

Our global network of application engineers collaborates closely to provide short response times and close customer contact, offering you many years of experience and expertise in adhesive tape products and applications.

Our sales team will assist you in directing your inquiries to our Customer Solution Centers.

## By your side

A global partner providing local support



For more information, simply scan the QR code:



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 stated above 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.