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tesa SE
Phone: +49 40 88899 0
tesa.com/company/locations

tesa.com



OUR SPECIALTY PRODUCT SOLUTIONS

Assortment for Industrial 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 34 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 32)
 - **Support** with orders and any questions that may arise through our **tesa customer service**

**For more information, simply scan the QR code:**



Product Overview

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Color symbols (examples):

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

BONDING SOLUTIONS



Product features:
Due to their varied adhesive properties and permanent bonding power, double-sided adhesive tape can be used to attach objects quickly, easily, and securely to a wide variety of surfaces.

User benefits:
Our wide range of purpose-designed double-sided adhesive tape meets the application requirements of our customers effectively. The large selection of different adhesives, liners, and backing materials offers tailor-made bonding solutions for almost every business area. tesa® ACX^{plus} – the new generation of adhesive tape solutions for constructive fastenings – stands for particularly resilient and durable bonding.

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

			Double-sided tape	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	....	....	.

Temporary Bonding Tapes

Application examples	Product description and application	Tape	Backing	Adhesion on steel* [N/cm]	Total thickness [µm]	Temperature resistance [°C]
			Adhesive			
	tesa® 4964 <ul style="list-style-type: none">Thick natural rubber adhesive coatingTear-resistant flexible fabric backingHigh initial tackSuitable for rough surfacesRemovable without residue in most casesHand-tearable		Cloth	7.6	390	Long-term: 30
			Natural rubber			Short-term: 100
	tesa® 51960 <ul style="list-style-type: none">Carpet-laying tapeRemovable without residue in most casesVery high adhesion on almost all commonly used surfacesHighly resistant to aging and plasticizers		PP film reinforced by fabric	6.6**/ 13.7***	248	Long-term: 60
			Tackified acrylic			Short-term: 120
	tesa® 4939 <ul style="list-style-type: none">High adhesive strengthHigh initial tackDifferent adhesion levels on each sideRemovable without residues for up to 14 daysFor textile floor coveringsIdeal for screed, asphalt, and floors sealed with epoxy resinHand-tearable		Cloth	5.5/8.0	235	Long-term: 40
			Synthetic rubber			Short-term: 80
	tesa® 64621 <ul style="list-style-type: none">Very high adhesion and initial tackVery good adhesion to nonpolar surfacesSuitable for indoor applications or prefixing		PP film	15.0	88	Long-term: 40
			Synthetic rubber			Short-term: 80
	tesa® 65605 <ul style="list-style-type: none">Double-sided removable PE-foam tapeCan be reused multiple timesRemoves without residueOptimized for non-delaminating surfaces		PE foam	3.0/17.0	500	Long-term: 80
			Acrylic			Short-term: 80
	tesa® 65610 <ul style="list-style-type: none">Double-sided removable PE-foam tapeAllows quick, easy, and complete removal without any residuesHigh bonding power on rough surfacesOptimized for non-delaminating surfaces		PE foam	4.0	1,200	Long-term: 80
			Acrylic			Short-term: 80

*After 14 days **Open side ***Covered side

Thin and Flexible Tapes

Application examples	Product description and application	Tape	Backing	Adhesion on steel* [N/cm]	Total thickness [µm]	Temperature resistance [°C]
			Adhesive			
	tesa® 4959 <ul style="list-style-type: none">• Very conformable to flexible and uneven substrates• Very high adhesion• Very good temperature resistance• Light- and aging-resistant• Plasticizer-resistant• High shear resistance• Suitable for long-term applications		Non-woven	8.5	100	Long-term: 80
			Tackified acrylic			Short-term: 200
	tesa® 4962 <ul style="list-style-type: none">• High adhesion values on different substrates• Excellent wetting (grabbing) power to rough surfaces• Excellent temperature resistance• Very good aging and humidity resistance		Non-woven	12.0	160	Long-term: 80
			Tackified acrylic			Short-term: 200
	tesa® 51571 <ul style="list-style-type: none">• Very conformable to flexible and uneven substrates• Very high adhesion and initial tack• Very good adhesion to nonpolar surfaces• Suitable for indoor applications or prefixing		Non-woven	13.0	160	Long-term: 40
			Synthetic rubber			Short-term: 80
	tesa® 4943 <ul style="list-style-type: none">• Double-sided• High initial tack• Good shear resistance• For lamination of leather, textiles, and foams• For mounting of light parts		Non-woven	8.1	100	Long-term: 70
			Tackified acrylic			Short-term: 100
	tesa® 88125 <ul style="list-style-type: none">• High-temperature and high-shear transfer tape• Conformable to difficult 3D shapes• For lamination and converting applications• Good die-cutting properties		None	3.3	63	-40– +200
			Water-based acrylic			
	tesa® 88225 <ul style="list-style-type: none">• Low surface energy transfer tape• Conformable to difficult 3D shapes• Good die-cutting properties• Good bonding to LSE surfaces		None	6.0	63	-40– +180
			Water-based acrylic			

*After 14 days

Thin and Strong Tapes

Application examples	Product description and application	Tape	Backing	Adhesion on steel* [N/cm]	Total thickness [µm]	Temperature resistance [°C]
			Adhesive			
	tesa® 4965 <ul style="list-style-type: none">• Reliable bond even to nonpolar surfaces• Suitable for many applications with high stress and very high temperatures• Products can be used immediately after assembly• High shear resistance• Suitable for long-term outdoor applications		PET film	11.8	205	Long-term: 100
			Tackified acrylic			Short-term: 200
	tesa® 4970 <ul style="list-style-type: none">• High adhesion and good initial tack• Reliable bond even to nonpolar surfaces• Good adhesion on rough surfaces• Good plasticizer resistance• Suitable for long-term outdoor applications		PVC film	13.6	225	Long-term: 60
			Tackified acrylic			Short-term: 70
	tesa® 4968 <ul style="list-style-type: none">• Outstanding adhesion even on low surface energy substrates• Excellent initial tack• UV- and aging-resistant acrylic adhesive		PVC film	21.2	295	Long-term: 60
			Tackified acrylic			Short-term: 70
	tesa® 51970 <ul style="list-style-type: none">• Excellent combination of high initial tack and adhesion• Reliable bond even to nonpolar surfaces• Good adhesion on rough surfaces• Good temperature resistance• Suitable for long-term outdoor applications		PP film	13.5	220	Long-term: 80
			Tackified acrylic			Short-term: 130
	tesa® 51966 <ul style="list-style-type: none">• Excellent initial tack• Fully suitable for long-term applications• Developed for converters and adhesive tape specialists• Excellent converting properties		PET film	11.0	200	Long-term: 80
			Tackified acrylic			Short-term: 130
	tesa® 4934 <ul style="list-style-type: none">• Universal double-sided adhesive tape• Thick adhesive coating with high initial tack• Easily hand-tearable		Cloth	24.0	200	Long-term: 40
			Synthetic rubber			Short-term: 60
	tesa® 64620 <ul style="list-style-type: none">• Very high initial tack• Very good adhesion to nonpolar surfaces• Aging- and temperature-resistant		PP film	14.5	185	Long-term: 40
			Synthetic rubber			Short-term: 80

*After 14 days

tesa® ACX^{plus} – High Performance Bonding

Our most powerful double-sided product line for permanent structural bonding is characterized by special properties:

- Strong bonding power, even on dissimilar materials, as well as rough, uneven, and hard-to-bond surfaces
- Optimal stress compensation due to viscoelastic behavior
- High resistance to temperatures, weather, UV, light, and chemical exposure
- Perfect sealing of bonded components
- Reliable bond over decades for inside and outside applications



Application examples	Product description and application	Tape	Backing	Adhesion on steel [N/cm]	Temperature resistance [°C]
			Adhesive		
	tesa® ACX^{plus} 704x gray/white <ul style="list-style-type: none">• 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	Long-term: 120
			Pure acrylic		Short-term: 200
	tesa® ACX^{plus} 705x high transparency <ul style="list-style-type: none">• Highly transparent acrylic core tape• Especially suitable for bonding of transparent and translucent materials such as glass or acrylic glass (PMMA)• Thicknesses: 500/1,000/1,500/2,000 µm		Solid acrylic	18–31	Long-term: 100
			Pure acrylic		Short-term: 200
	tesa® ACX^{plus} 706x high adhesion <ul style="list-style-type: none">• 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	Long-term: 70
			Tackified acrylic		Short-term: 170
	tesa® ACX^{plus} 707x high resistance <ul style="list-style-type: none">• 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	Long-term: 120
			Pure acrylic		Short-term: 220


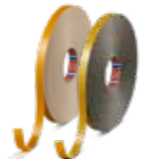
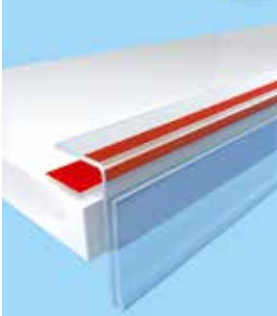





Application examples	Product description and application	Tape	Backing	Adhesion on steel [N/cm]	Temperature resistance [°C]
			Adhesive		
	tesa® ACX^{plus} 7254/7255 MP <ul style="list-style-type: none">• Double-sided• Absorbs and dissipates dynamic and static loads• Is able to compensate for thermal elongations of bonded parts• Suitable for a wide range of multipurpose bonding applications• Especially suitable for bonding transparent and translucent materials such as glass or acrylic• Thicknesses: 500/1,000 µm		Solid acrylic	19/24	Long-term: 100
			Pure acrylic		Short-term: 200
	tesa® ACX^{plus} 7262/7263 MP <ul style="list-style-type: none">• Double-sided foam tape• Absorbs and dissipates dynamic and static loads• Is able to compensate for thermal elongations of bonded parts• Suitable for a wide range of multipurpose bonding applications• Thicknesses: 500/800 µm		Foamed acrylic	24/30	Long-term: 70
			Tackified acrylic		Short-term: 170
	tesa® ACX^{plus} 7273 MP <ul style="list-style-type: none">• Double-sided foam tape• Absorbs and dissipates dynamic and static loads• Is able to compensate for thermal elongations of bonded parts• Suitable for a wide range of multipurpose bonding applications• Especially suitable for bonding applications such as emblems, decorative parts, or signage bonding• Thickness: 800 µm		Foamed acrylic	21	Long-term: 100
			Pure acrylic		Short-term: 200

Adhesion Promoters: Complementary Assortment for tesa® ACX^{plus}

	tesa® 60150 Adhesion Promoter Universal <p>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.</p>
	tesa® 60151 Adhesion Promoter Glass <p>This highly transparent adhesion promoter was specifically developed to ensure permanent bonding and moisture resistance on glass substrates.</p>
	tesa® 60152 Adhesion Promoter PU/HPVC <p>This adhesion promoter can be used to improve the adhesion on specific substrates such as PU* and HPVC**. Its UV-traceability allows easy quality control during the application process.</p>
	tesa® 60153 Adhesion Promoter Fast Cure <p>Our fast-curing adhesion promoter can be used on various surfaces, including PP/EPDM***. Its UV-traceability allows easy quality control during the application process.</p>
	tesa® Adhesion Promoter 60690 Promoter Pen <p>Using the recommended promoter pen is an easy and fast solution. Its 15 mm wide felt tip allows a clean and precise application of our adhesion promoters (not recommended for tesa® 60151 Adhesion Promoter Glass).</p>







* PU = Polyurethane ** HPVC = Hard Polyvinyl chloride *** PP/EPDM = Polypropylene diene monomer

Dampening and Gap-Filling Tapes

Application examples	Product description and application	Tape	Backing	Adhesion on steel* [N/cm]	Total thickness [µm]	Temperature resistance [°C]
			Adhesive			
	tesa® 629xx High Bond <ul style="list-style-type: none">• High foam strength for demanding applications• UV, water, humidity, and aging resistance• Excellent cold shock performance• Versatile adhesive for excellent initial tack and high ultimate strength		PE foam	17–19	500/ 800/ 1,000/ 1,600	80
			Tackified acrylic			80
	tesa® 625xx Multi Purpose <ul style="list-style-type: none">• 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/ 800/ 1,000/ 1,200/ 1,600/ 2,000/ 3,000	80
			Tackified acrylic			80
	tesa® 649xx Indoor Mounting <ul style="list-style-type: none">• Medium foam strength for varying indoor applications• Water and humidity resistance• High tack adhesive even on low surface energy substrates		PE foam	4–16	800/ 1,050/ 1,600	60
			Synthetic rubber			80
	tesa® 4952 <ul style="list-style-type: none">• 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 ageing-resistant		PE foam	8.0	1,150	Long-term: 80
			Tackified acrylic			Short-term: 80
	tesa® 4957 <ul style="list-style-type: none">• 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	4.0	1,100	Long-term: 80
			Tackified acrylic			Short-term: 80

* After 14 days





Bonding Specialties

Application examples	Product description and application	Tape	Backing	Adhesion on steel [N/cm]	Total thickness [µm]	Temperature resistance [°C]
			Adhesive			
	tesa® 62957 <ul style="list-style-type: none">• Excellent initial tack even at low temperatures• Can be processed in very cold environments (down to –10°C)• Fully suitable for outdoor applications (UV-, water-, and aging-resistant)• Developed for the window industry		PE foam	13.5	1,000	Long-term: 60
			Acrylic			Short-term: 80
	tesa® 4917 <ul style="list-style-type: none">• Adhesion levels on the two sides are very different• Can easily be cut with the hot wire systems used in most bag machines• Reversible closure of foil bags• Removable emblems or profiles• Available with fingerlift (extended liner) for fast liner removal		PP film	11.4***/ 5.1****	90	Long-term: 80
			Tackified acrylic			Short-term: 120
	tesa® 51014 <ul style="list-style-type: none">• Open side: lower adhesion level• Covered side: higher adhesion level• High initial tack• Excellent adhesion on rough surfaces		Non-woven	8.6***/ 12.9****	215	Long-term: 80
			Tackified acrylic			Short-term: 200

* After 14 days ** Foam split *** Open side **** Covered side





tesa HAF®: Heat-Activated Film


tesa® HAF is a heat-activated film which is not tacky at room temperature. Heat energy activates the adhesive mass and bonding strengths of up to 30 N/mm² can be achieved. The bonding strength depends on three parameters: time, temperature and applied pressure. tesa® HAF creates a thin and flexible bond. It can be applied on almost all temperature-resistant substrates, such as metal, graphite, textiles, or glass.

Application examples	Product description and application	Tape	Backing	Dynamic shear resistance [N/mm ²]	Thickness without liner [µm]
			Adhesive		
	tesa® 8405 <ul style="list-style-type: none">• Reliable chip module bonding• Suitable for PVC, ABS, PET, and PC cards• Good workability on all common implanting lines• Easy to cut and die-cut• Outstanding aging, temperature, and chemical resistance• Lifelong flexibility due to high rubber content• Extremely high bonding strength		None	12	30
			Nitrile rubber/phenolic resin		
	tesa® 8410 <ul style="list-style-type: none">• Reliable chip module bonding• Suitable for PVC, ABS, PET, and PC cards• Good workability on all common implanting lines• Easy to cut and die-cut• Outstanding aging, temperature, and chemical resistance• Lifelong flexibility due to high rubber content• Extremely high bonding strength		None	12	60
			Nitrile rubber/phenolic resin		

Spray Glues and Cleaners

Whenever you need clean and fast bonding of large or uneven surfaces, we offer reliable spray glues and cleaners to cover your adhesive needs. Our range is suitable for use on a wide variety of different materials and applications.

Application examples	Product description and application	Can	Recommended time before bonding [min.]	Quantity [ml]	Temperature resistance [°C]
	tesa® 60021 Spray Glue PERMANENT <ul style="list-style-type: none">• A very versatile synthetic rubber glue for permanent bonding of materials such as paper, cardboard, felt, fabric, film, wood, leather, etc.• For clean, cost-efficient, secure, and fast bonding of large surfaces• Fine and even spray pattern• Fast drying, resistant to moisture and mechanical and thermal stress		1–5	500	from: –20
					up to: 60
	tesa® 60022 Spray Glue EXTRA STRONG <ul style="list-style-type: none">• An extra-strong, film-forming glue for permanent bonding of materials such as fabric, plastic, cardboard, foam rubber, insulating materials, vinyl, leather, imitation leather, and rubber to each other or to metal and wood• Especially suitable for applications in the automotive industry• Glue based on synthetic rubber		10	500	from: –30
					up to: 80

Application examples	Product description and application	Can	Solvent based on	Quantity [ml]
	tesa® 60040 Industry Cleaner <ul style="list-style-type: none">• Cleaning of surfaces for optimal bonding of adhesive tapes and spray glues• Evaporates without leaving residues• Excellent cleaning results on machinery and many different surfaces like plastic and metal		Dearomatized special petrol, isopropanol	500
	tesa® 60042 Adhesive Remover <ul style="list-style-type: none">• Reliable removal of glue residues from plastic parts, glass, and metal surfaces• Evaporates without leaving residues• Easy removal of labels		Dearomatized special petrol, isopropanol	500

REPAIRING AND SAFETY SOLUTIONS

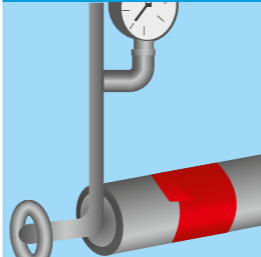


Product features:
Our cloth tapes, repair tapes and safety tapes are ideal solutions for the daily requirements of industrial production. From small repairs to markings and surface protection, they can be used almost universally. Some of the robust and weather-resistant tapes can even be applied outdoors and at extreme temperatures.

User benefits:
Whatever the area of application, you will benefit from our wide range of cloth tapes. Even if your requirements are unusual, we have the right solution for you. In our assortment, you will find many products for special applications as well as reliable safety and insulation tapes.

Repairing Specialties



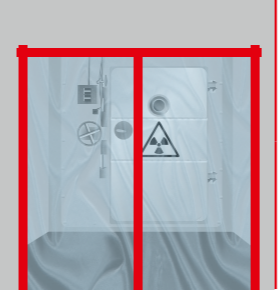

Application examples	Product description and application	Tape	Backing	Adhesion on steel [N/cm]	Total thickness [µm]	Temperature resistance [°C]
			Adhesive			
	tesa® 60630/50/70 – without liner tesa® 60632/52/72 – with liner <ul style="list-style-type: none">• For permanent sealing, fastening, protecting, repairing, bonding• High thermal resistance, durability, and conductivity, heat and light reflective• Barrier against moisture, gases, and vapors• High bonding power, conformable• Flame-retardant according to DIN 4102, class B1 and B2, certified according to UL 510A		Aluminum foil	8.0/ 9.0/ 10.0	65/ 90/ 125	–40– +160
			Acrylic			
	tesa® 4818 <ul style="list-style-type: none">• Gives anti-stick properties to the equipment for heat sealing of films at packaging lines of various industries• Low friction and anti-stick properties due to PTFE backing, residue-free removability• High chemical, mechanical, and thermal resistance		PTFE-coated glass cloth	4.5	180	220
			Silicone			

Application examples	Product description and application	Tape	Backing	Total thickness [µm]	Elongation at break [%]	Tensile strength [N/cm]	Breakdown voltage [volt]
			Adhesive				
	tesa® 4600 <ul style="list-style-type: none">• Insulates and protects wiring and connections• Sealing applications in engine compartment• Wraps hydraulic fittings and other exposed metal connections to prevent corrosion• Masking applications in powder-coating, liquid-coating, e-coating, anodizing, and plating• Automotive applications for wire harness as well as general repairs		Silicone	500	750	33	8,000
			Self-amalgamating				

Premium Cloth Tapes

Application examples	Product description and application	Tape	Backing	Adhesion on steel [N/cm]	Total thickness [μm]	Temperature resistance [°C]
			Adhesive			
	tesa® 4657 <ul style="list-style-type: none">• High-grade acrylic-coated cloth tape (145 mesh)• Thermosetting natural rubber adhesive• Very aging-resistant (suitable for permanent applications)• Removable without residue even after high temperature exposure		Acrylic coated cloth	4.6	290	180
			Natural rubber			
	tesa® 4651 <ul style="list-style-type: none">• High-quality acrylic-coated cloth tape (145 mesh)• Very strong adhesion, even on rough surfaces• Highly abrasion-resistant• Flexible, conformable, and easy to write on• Excellent tensile strength		Acrylic coated cloth	3.3	310	130
			Natural rubber			
	tesa® 4671 <ul style="list-style-type: none">• Strong acrylic-coated cloth tape (145 mesh)• Premium gaffer tape for arts & entertainment applications• High adhesion even on rough surfaces• Solvent-free adhesive		Acrylic coated cloth	3.8	280	140
			Natural rubber			
	tesa® 4549 <ul style="list-style-type: none">• Easy-unwinding uncoated cloth tape• Highly tear-resistant• Flexible and conformable• Low unwinding forces• Good adhesion on rough surfaces• Easy to write on		Uncoated cloth	3.6	300	140 (30 min.)
			Natural rubber			
	tesa® 4660 <ul style="list-style-type: none">• Special acrylic-coated cloth tape with a printable surface• Thermosetting natural rubber adhesive• High adhesion on almost any surface• Very high tensile strength• Flexible yet strong		Acrylic coated cloth	4.0	262	180 (30 min.)
			Natural rubber			

Standard Cloth Tapes

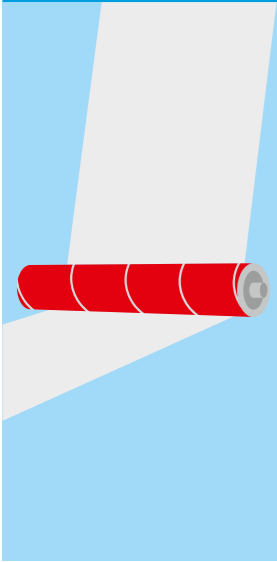


Application examples	Product description and application	Tape	Backing	Adhesion on steel [N/cm]	Total thickness [μm]	Temperature resistance [°C]
			Adhesive			
	tesa® 4621 <ul style="list-style-type: none">• Multipurpose outdoor cloth tape• Can be effortlessly torn by hand in both vertical and horizontal directions• Gentle unwinding without curling when torn• Waterproof and weather-resistant up to eight weeks• High initial adhesion but easily repositioned• For masking during the painting of facades, for fastening and bundling of wires, cables, and loose objects		PE-extruded cloth	3.0	126	95
			Acrylic			
	tesa® 4688 <ul style="list-style-type: none">• Standard PE-coated cloth tape (55 mesh)• Typical repair tape for various applications with very good processing properties• Certified by AREVA according to the requirements of the Siemens AG standard TLV 9027/01/06 for nuclear power stations• Very good adhesion to multiple surfaces		PE-extruded cloth	4.5	260	110
			Natural rubber			

Duct Tapes

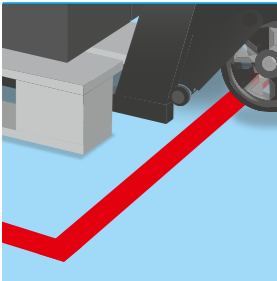

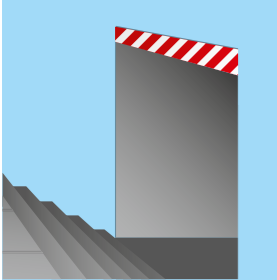

Application examples	Product description and application	Tape	Backing	Adhesion on steel [N/cm]	Total thickness [μm]	Tensile strength [N/cm]
			Adhesive			
	tesa® 4662 <ul style="list-style-type: none">• Strong duct tape with typical duct tape features• Suitable for general-purpose applications• Good adhesion to multiple materials• High initial tack• Water-repellent		PE-laminated cloth	4.4	230	30
			Natural rubber			
	tesa® 4613 <ul style="list-style-type: none">• Standard duct tape• Good adhesion even on rough surfaces• Easy to tear by hand• Water-repellent• Very flexible due to low thickness		PE-laminated cloth	4.3	180	30
			Natural rubber			
	tesa® 4610 <ul style="list-style-type: none">• Basic duct tape with good adhesive properties and attractive performance profile• Very good adhesion level on various substrates• High initial tack on many different materials• Easy to tear by hand• Easy unwinding		PE laminated cloth	4.5	150	30
			Synthetic rubber			


Roller Wrapping Tapes – tesa Printer’s Friend®

Our Printer’s Friend® tapes support a variety of manufacturing and printing processes that use roller systems and process materials such as film, textiles, paper, and more. The optimized tape design allows for clean and accurate application while ensuring easy removal. Applied on the roller, the tape remains securely in position, even at low temperatures.

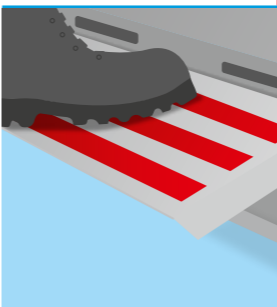

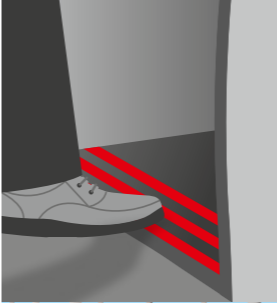

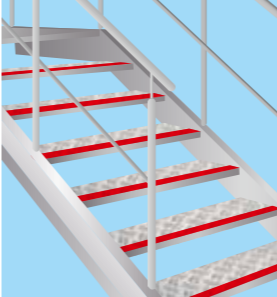

Application examples	Product description and application	Tape	Backing	Liner	Adhesion on steel [N/cm]	Total thickness [μm]
			Adhesive			
	tesa® 4863 <ul style="list-style-type: none">Consists of a specially treated fabric with an embossed silicone rubber coatingEmbossed surface, highly resistant to sticky substances; provides a reliable anti-slip effect on smooth substratesOptimizes and extends anti-slip propertiesResidue-free removal		Silicone-coated cloth	PP film	3.5	620
			Natural rubber			
	tesa® 4563 <ul style="list-style-type: none">Consists of a specially treated fabric with a smooth silicone rubber coatingEmbossed surface, highly resistant to sticky substances; provides a reliable anti-slip effect on smooth substratesOptimizes and extends anti-slip propertiesResidue-free removal		Silicone-coated cloth	PP film	3.6	380
			Natural rubber			

Safety Tapes

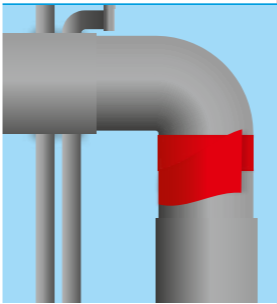

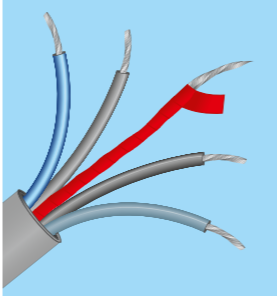

Application examples	Product description and application	Tape	Backing	Adhesion on steel [N/cm]	Total thickness [μm]	Tensile strength [N/cm]
			Adhesive			
	tesa® 4169 Permanent Marking Tape <ul style="list-style-type: none">Heavy-duty permanent marking for high-traffic areas; withstands overrun from forkliftsRobust and resistant PVC backing; hand-tearableFlexible backing to cope with curvesGood adhesion to various surfaces		Soft PVC	1.8	180	30
			Acrylic			
	tesa® 60760 Marking Tape <ul style="list-style-type: none">Moderate, temporary marking for mobile and stationary objectsResistant PVC backing; hand-tearableGood adhesion to various surfaces		Soft PVC	2.0	150	33
			Natural rubber			

 For more information about our marking tape assortment, simply scan the QR code:



Application examples	Product description and application	Tape	Backing	Adhesion on steel [N/cm]	Total thickness [μm]	Tensile strength [N/cm]
			Adhesive			
	tesa® 60950/51/52/53 Anti-Slip Tape <ul style="list-style-type: none">Durable and slip-resistant backing for applications like industrial floorsGood adhesion for secure bonding to most surfacesCoefficient of friction: R13 according to DIN 51130tesa® 60953 glows in the dark for up to 20 minutes		PVC film coated with mineral particles	5.8	635	–
			Acrylic			
	tesa® 60954 Anti-Slip Tape Heavy Duty <ul style="list-style-type: none">Highly durable backing with extra slip resistance for applications in extreme conditions such as construction vehicles, platforms, and rampsReduced clogging due to coarse particlesBright yellow and black-yellow colors ensure high visibility for easy identificationCoefficient of friction: R13 according to DIN 51130 (R12 for black-yellow)		PVC film coated with large mineral particles	7.0	1,185	40
			Acrylic			
	tesa® 60955 Anti-Slip Tape Conformable <ul style="list-style-type: none">Excellent conformability for adhering to tread plates and other irregular surfacesSlip-resistant backing conforms perfectly around edgesBright yellow and black-yellow colors ensure high visibility for easy identificationCoefficient of friction: R13 according to DIN 51130		Aluminum carrier coated with mineral particles	8.0	700	60
			Acrylic			

Insulation Tapes

Application examples	Product description and application	Tape	Backing	Adhesion on steel [N/cm]	Total thickness [μm]	Tensile strength [N/cm]
			Adhesive			
	tesaflex® 4163 <ul style="list-style-type: none">For insulation, marking, bundling, repairing, splicing, and many other applicationsUV-resistant acrylic adhesiveTemperature-resistant up to 105°CGray is suitable for installation jobsCertified according to US 302		Soft PVC	1.8	130	30
			Acrylic			
	tesaflex® 53988 <ul style="list-style-type: none">Electric insulation tapeCertified according to IEC 60454-3-1/5VOC-certifiedConforms to RoHS 2.0 and REACHFlexibleSuitable for insulating wires as well as repairs and bundlingCan also be used as a marking tapeDielectric breakdown voltage: 7,000V		Soft PVC	2.2	150	25
			Natural rubber			

MASKING SOLUTIONS



Product features:
Our paper and film masking tapes offer reliable protection and good adhesion to various substrates. They are suitable for protecting long straight edges and curves as well as for covering large areas. After use, they can be removed cleanly and residue-free.

User benefits:
The use of suitable and high quality masking tapes guarantees optimal production processes and high-quality products in the areas of spray-painting, powder-coating, sandblasting, and high-temperature applications as well as surface protection.

Spray-Painting Tapes – High-Grade

Application examples	Product description and application	Tape	Backing	Adhesion on steel [N/cm]	Total thickness [µm]	Tensile strength [N/cm]	Temperature resistance [°C/1h]
			Adhesive				
	tesa® 4304 <ul style="list-style-type: none">High temperature resistance up to 163°CConvenient handling (finger-friendly and smooth-to-touch)Excellent adhesion to various surfacesSecure fixation of large area masks against overspray		Smooth crepe paper	4.0	145	43	163
			Natural rubber				
	tesa® 4341 <ul style="list-style-type: none">High temperature resistance up to 140°CStrong adhesion to various surfacesHigh tear strengthReliable fixation of large area masks against overspray		Slight crepe paper	4.7	190	47	140
			Natural rubber				
	tesa® 4328 <ul style="list-style-type: none">High temperature resistance up to 140°CVery high adhesion to various surfacesAvailable in four different vivid colors for high visibilityReliable fixation of large area masks against overspray		Slight crepe paper	4.8	175	42	140
			Natural rubber				
	tesa® 4338 <ul style="list-style-type: none">For multiple drying cycles – up to six cycles at 120°C/40 min.Excellent handling and high conformabilityClean paint edgesOne week UV resistance for outdoor use, for example storing of masked objects outside		Smooth crepe paper	3.5	145	43	120
			Natural rubber				
	tesa® 4309 <ul style="list-style-type: none">High temperature resistance up to 120°CHigh adhesion and tear resistanceReliable fixation of large area masks against overspray		Slight crepe paper	3.5	170	47	120
			Natural rubber				





Spray-Painting Tapes – Medium-Grade

Application examples	Product description and application	Tape	Backing	Adhesion on steel [N/cm]	Total thickness [µm]	Tensile strength [N/cm]	Temperature resistance [°C/1h]
			Adhesive				
	tesa® 4316 <ul style="list-style-type: none">Temperature resistance up to 100°CGood adhesion and tear resistanceReliable fixation of large area masks against overspray		Slight crepe paper	3.4	140	38	100
			Natural rubber				
	tesa® 4317 <ul style="list-style-type: none">Temperature resistance up to 80°CGood adhesion and tear resistanceReliable fixation of large area masks against overspray		Slight crepe paper	3.3	140	38	80
			Natural rubber				
	tesa® 4329 <ul style="list-style-type: none">Temperature resistance up to 70°CThin and flexibleSuitable for all general masking applications		Slight crepe paper	2.8	125	33	70
			Natural rubber				

Spray-Painting Tapes – Specialties

Application examples	Product description and application	Tape	Backing	Adhesion on steel [N/cm]	Total thickness [µm]	Tensile strength [N/cm]	Temperature resistance [°C/1h]
			Adhesive				
	tesa® 4174 <ul style="list-style-type: none">Recommended for two-tone applications with oven-drying up to 150°CExcellent for curves and multidimensional surfacesEnsures sharp, clean, and flat paint edges		PVC film	3.7	113	23	150
			Natural rubber				
	tesa® 4319 <ul style="list-style-type: none">Good conformability to curves and multidimensional surfacesTemperature resistance up to 60°CSuitable for general masking applications		High crepe paper	4.5	375	24	58
			Natural rubber				
	tesa® 4334 <ul style="list-style-type: none">Excellent for straight and long lines in two-tone applicationsHigh temperature resistance up to 150°C/30 min.Ensures sharp, clean, and flat paint edgesVery high application convenienceEight weeks' UV resistance for outdoor use		Flat paper	1.8	88	31	5
			Acrylic				
	tesa® 4342 <ul style="list-style-type: none">Excellent for straight and long lines in two-tone applicationsHigh temperature resistance up to 150°C/30 min.Ensures sharp, clean, and flat paint edgesThree weeks' UV resistance for outdoor use		Flat paper	1.5	85	33	10
			Acrylic				
	tesa® 4104 <ul style="list-style-type: none">For convenient masking of straight and long lines in two-tone applicationsRobust backing with resistance against light wet grindingTemperature resistance up to 60°C/1 hEnsures sharp, clean, and flat paint edges		PVC film	3.6	67	60	60
			Natural rubber				

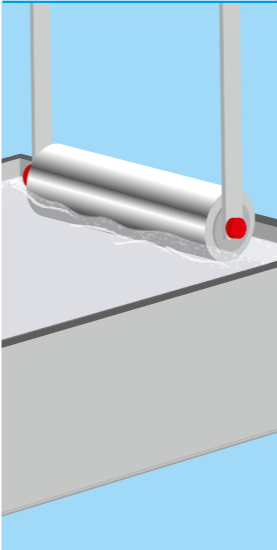



Sandblasting Tapes

Application examples	Product description and application	Tape	Backing	Adhesion on steel [N/cm]	Total thickness [μm]	Tensile strength [N/cm]	Durability
			Adhesive				
	tesa® 4434 <ul style="list-style-type: none">• Very strong and resistant paper backing• For masking applications during sandblasting work on stone, metal, and glass• Very good durability (50 sec./4 bar)		Flat paper	2.7	670	180	● ● ● ●
			Natural rubber				
	tesa® 4432 <ul style="list-style-type: none">• Strong and resistant paper backing• For masking applications during sandblasting work on stone, metal, and glass• Good durability (6 sec./4 bar)		Flat paper	8.0	330	93	● ● ●
			Natural rubber				
	tesa® 4423 <ul style="list-style-type: none">• Resistant paper backing• For masking applications during sandblasting work on stone, metal, and glass• Durability (<6 sec./4 bar)		Flat paper	4.5	145	67	●
			Natural rubber				






Powder-Coating Tapes

Application examples	Product description and application	Tape	Backing	Adhesion on steel [N/cm]	Total thickness [μm]	Tensile strength [N/cm]	Temperature resistance [°C/1h]
			Adhesive				
	tesa® 4331 <ul style="list-style-type: none">• Special backing laminate for high tear resistance and excellent paint anchorage• Good conformability• Easy to remove without residue		PET/ non-woven	4.0	110	53	200
			Silicone				
	tesa® 50600 <ul style="list-style-type: none">• High tear resistance and adhesion• Residue-free removability• Also available with liner		PET	4.0	80	75	220 (30 min.)
			Silicone				
	tesa® 50650 <ul style="list-style-type: none">• Good conformability• Thin backing for sharp paint edges• Easy to remove without residue		PET	3.2	55	50	220 (30 min.)
			Silicone				

Tapes for High-temperature Applications

Application examples	Product description and application	Tape	Backing	Adhesion on steel [N/cm]	Total thickness [μm]	Tensile strength [N/cm]	Temperature resistance [°C/1h]
			Adhesive				
	tesa® 51407 <ul style="list-style-type: none">• Recommended for wave soldering, thermal insulation, cable wrapping, and various masking applications• High chemical resistance and dielectric strength• Residue-free removability		Polyimide	2.5	62	40	260 (30 min.)
			Silicone				
	tesa® 61126 <ul style="list-style-type: none">• Suitable for masking in autoclave bonding operations during composite production or galvanizing processes• High coating weight for secure bond• Excellent visibility even on dark surfaces due to high opacity		PET	4.3	125	60	220 (7 h)
			Silicone				
	tesa® 61124 <ul style="list-style-type: none">• Used for masking during powder-coating processes and bonding of low surface energy materials• Excellent visibility even on dark surfaces due to high opacity• Residue-free removability		PET	3.5	60	45	220 (7 h)
			Silicone				

Surface Protection Tapes

Application examples	Product description and application	Tape	Backing	Adhesion on steel [N/cm]	Total thickness [μm]	Tensile strength [N/cm]	Temperature resistance [°C/1h]
			Adhesive				
	tesa Bodyguard® 50535 <ul style="list-style-type: none">• Premium protection film for freshly painted surfaces• Easy to remove without residue• Perfect paint compatibility• Twelve months' UV resistance for outdoor storage		PE film	0.6	59	24	60
			EVA				
	tesa® 4848 <ul style="list-style-type: none">• Standard protection film for smooth surfaces such as plastic parts, glass, and metal• Easy to remove without residue• Four weeks' UV resistance for outdoor storage		PE film	0.8	48	12	60
			Acrylic				
	tesa® 7133 <ul style="list-style-type: none">• For protection of smooth and rougher surfaces such as grained plastics• Strong tear resistance and adhesion• Very good resistance against scratches• Also recommended for straight-line masking during spray-painting		PE film	2.0	80	133	120
			Natural rubber				
	tesa® 51136 <ul style="list-style-type: none">• For protection of smooth and rougher and multidimensional surfaces• High resistance against scratches• Good conformability		PE film	2.4	105	19	100
			Acrylic				

PACKAGING SOLUTIONS



Product features:

Whether the carton is light or heavy, 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.

User benefits:

Our packaging tapes are available in many different variations, for example with PP, PVC, or paper backing. They can be applied manually or mechanically. There are also special adhesive tapes for inner packaging. With these tapes, small boxes, cans and bags can be sealed safely, easily, and quickly.

Carton Closure – PVC Backing

Application examples	Product description and application	Tape	Backing	Adhesion on steel [N/cm]	Total thickness [µm]	Tensile strength [N/cm]
			Adhesive			
	tesa® 4124 <ul style="list-style-type: none">Secure closure of medium-weight and heavyweight cartonsExcellent performance on all kinds of cardboardSmooth and quiet unwindingFor manual and automatic carton sealing		PVC	3.2	65	60
			Natural rubber			
		⊗ ○ ●				
	tesa® 4100 <ul style="list-style-type: none">Based on a PVC backing and natural rubber adhesiveEmbossed backing prevents reflection during bar-code readingFor manual and automatic sealing of cartons of medium-range weight		Embossed PVC	2.2	65	47
			Natural rubber			
		⊗ ○ ●				
	tesa® 4120 <ul style="list-style-type: none">General-purpose packaging tape for medium-weight boxesGood adhesion to various surfacesResidue-free removalSuitable for manual and automatic sealingHigh tack and short dwell time for optimum securitySmooth, quiet, and steady unwindingEasily printable		PVC film	2.0	49	43
			Natural rubber			
		⊗ ○ ●				
	tesa® 4122 <ul style="list-style-type: none">Heavy-duty carton sealing tapeFor heavy boxes or multilayer cardboard boxes with high flap tensionNo disruption to cardboard waste recycling		PVC film	2.0	88	65
			Natural rubber			
		⊗ ●				



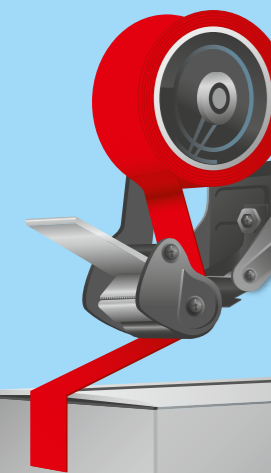

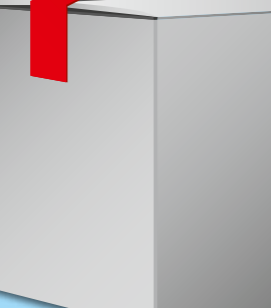
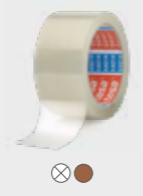


Carton Closure – Paper Backing

Application examples	Product description and application	Tape	Backing	Adhesion on steel [N/cm]	Total thickness [µm]	Tensile strength [N/cm]
			Adhesive			
	tesa® 4313 PV2 <ul style="list-style-type: none">Based on a paper backing with a silicon-free release coat and an adhesive system without solventsCan be used for a wide variety of different cardboard qualitiesEasy unwinding		Paper	9.5	125	60
			Synthetic rubber			
		● ○				

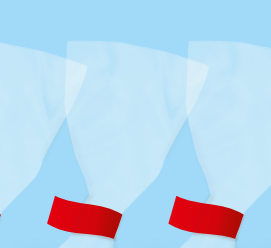



Carton Closure – PP Backing

Application examples	Product description and application	Tape	Backing	Adhesion on steel [N/cm]	Total thickness [µm]	Tensile strength [N/cm]
			Adhesive			
	tesa® 4195 PV4/PV5 printable <ul style="list-style-type: none">PP backing with a special high tack water-based acrylic adhesive system (HiTack)Quiet unwindingVery good aging and high temperature resistanceCan withstand high storage temperatures		PP film	3.0	60	55
			Acrylic			
		● ⊗				
	tesa® 4024 PV4/PV5 printable <ul style="list-style-type: none">PP backing with a special high tack water-based acrylic adhesive system (HiTack)Quiet unwindingExcellent aging resistanceCan be used in all common hand dispensers and machines		PP film	2.5	50	45
			Acrylic			
		⊗ ○ ●				
	tesa® 4089 <ul style="list-style-type: none">Based on a 28 µm PP backing with natural rubber adhesiveFor manual or automatic sealing of lightweight and medium-weight cartonsEasy unwinding		PP film	2.2	46	41
			Natural rubber			
		⊗ ○ ●				
	tesa® 4280 <ul style="list-style-type: none">Based on a 25 µm PP backing and synthetic rubber adhesiveFor manual and automatic sealing of lightweight and medium-weight cartons		PP film	4.8	42	40
			Synthetic rubber			
		● ⊗				

Carton Closure – PP Backing

Application examples	Product description and application	Tape	Backing	Adhesion on steel [N/cm]	Total thickness [μm]	Tensile strength [N/cm]
			Adhesive			
	tesa® 4190 Fingerlift <ul style="list-style-type: none">• Packaging tape for opening boxes and cartons without knives or blades• Based on a PP film backing and synthetic rubber adhesive• For manual and automatic sealing of lightweight to medium-weight cartons	 ⊗	PP film	5.0	45	43
			Synthetic rubber			
	tesa® 64044 PV4 <ul style="list-style-type: none">• Carton sealing tape for cartons with very heavy or hazardous goods• Very high tack for secure sealing• Quiet unwinding• Suitable for all common hand dispensers and machines• High transparency for a high-quality appearance• As the product is chlorine-free and based on derivatives of mineral oil only, the disposal by heat treatment is environmentally friendly	 ⊗ ●	PP film	3.5	85	70
			Acrylic			
	tesa® 64014 <ul style="list-style-type: none">• Low-noise packaging tape• High aging and UV resistance• For lightweight and medium-weight cartons• As the product is chlorine-free and based on derivatives of mineral oil only, the disposal by heat treatment is environmentally friendly	 ⊗ ●	PP film	2.4	45	35
			Acrylic			
	tesa® 4282 <ul style="list-style-type: none">• Multipurpose carton sealing tape• For lightweight to medium-weight cartons• Easy unwinding• High tack and short dwell time for fast and precise sealing• Excellent adhesive properties on both polar and nonpolar surfaces	 ⊗ ●	PP film	5.0	45	43
			Synthetic rubber			

Tapes for Inner Packaging

Application examples	Product description and application	Tape	Backing	Adhesion on steel [N/cm]	Total thickness [μm]	Tensile strength [N/cm]
			Adhesive			
	tesa® 4104 <ul style="list-style-type: none">• Safe and easy closure of bags• Excellent adhesion on various surfaces• Available in several colors and in transparent• tesa® 4104 red enables sharp-edge masking for multicolor painting	 ⊗ ● ● ● ● ● ● ● ● ● ●	PVC film	3.6/2.3*	67/65*	60
			Natural rubber			
 ● ● ● ● ● ● ● ● ● ●	tesa® 4204 <ul style="list-style-type: none">• Based on a robust PVC backing coated with a natural rubber adhesive• For the sealing of small boxes and cans• Developed for bakery and flower shop counters• Can be used for marking as well since a wide variety of colors is available	 ● ● ● ● ● ● ● ● ● ●	PVC film	2.0	59	50
			Natural rubber			

*Depends on color



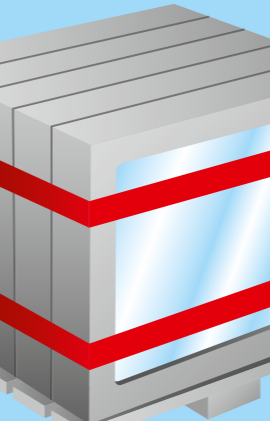

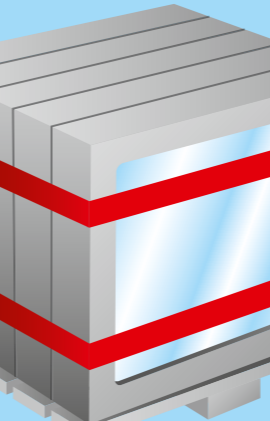

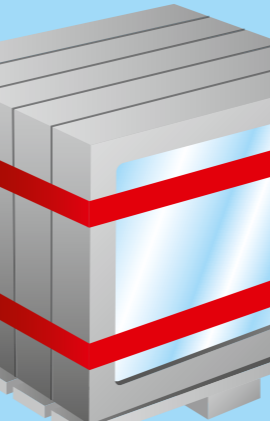

STRAPPING SOLUTIONS



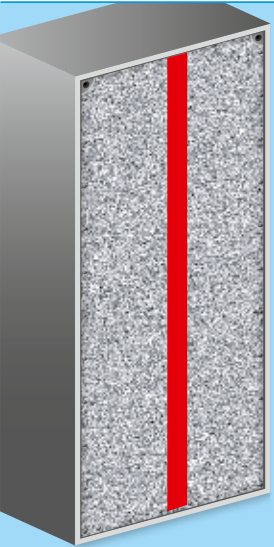





Product features:
Our adhesive tapes for transport and surface protection are a perfect combination of strength, flexibility, and reliability. Their most important technical feature is the strong and robust backing material, which gives the tapes high abrasion and tear resistance with low elongation. Thanks to the unique adhesive materials they have a very good adhesive strength on many surfaces.

User benefits:
Our film tapes offer a high degree of flexibility and can be removed without leaving any residue. They are mostly used for transport safety and surface protection. The fiber-reinforced filament tapes are ideal for strapping and bundling heavy and large objects.

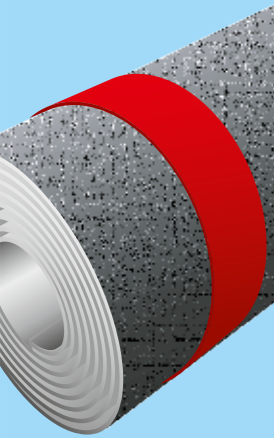

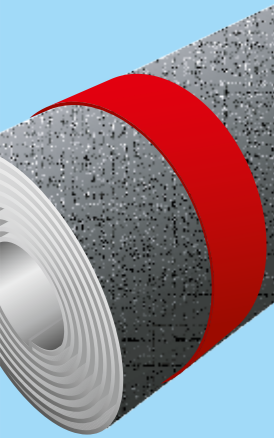

Premium Filament Tapes

Application examples	Product description and application	Tape	Backing	Adhesion on steel [N/cm]	Total thickness [μm]	Tensile strength [N/cm]	Elongation at break [%]
			Adhesive				
	tesa® 53398 <ul style="list-style-type: none">• Extremely durable and tear-resistant fiberglass-reinforced mono filament tape• Reliable bonding, even on slightly greasy surfaces• High shear resistance prevents detachment• Can be removed without residue from many surfaces	 ⊗	Fiber-glass/ PET film	6.0	195	800	6.0
			Synthetic rubber				
	tesa® 53314 <ul style="list-style-type: none">• Nonstaining fiberglass-reinforced mono filament tape• Reliable bonding• High aging resistance• Can be removed without residue from many surfaces	 ⊗	Fiber-glass/ PET film	5.0	220	680	5.0
			Natural rubber				
	tesa® 53311 <ul style="list-style-type: none">• Nonstaining fiberglass-reinforced mono filament tape• Reliable bonding, high initial tack• High shear resistance and durability• High aging resistance• Can be removed without residue from many surfaces	 ⊗	Fiber-glass/ PET film	5.0	190	583	5.0
			Natural rubber				
	tesa® 53393 <ul style="list-style-type: none">• Fiberglass-reinforced mono filament tape• Reliable bonding, high initial tack• High shear resistance and durability• High aging resistance• Can be removed without residue from many surfaces	 ⊗	Fiber-glass/ PET film	7.0	170	520	5.0
			Synthetic rubber				



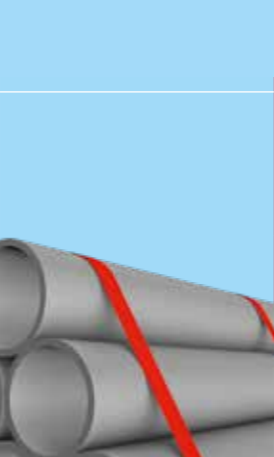

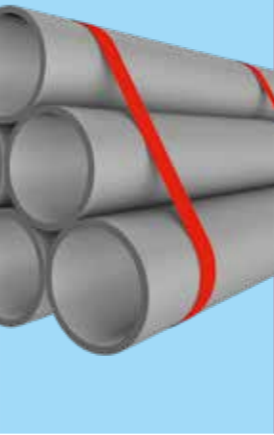

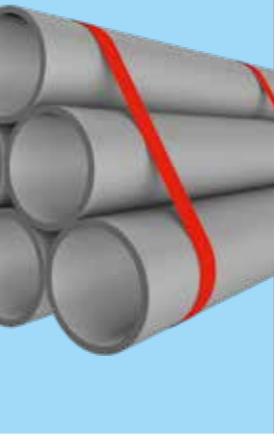

Standard Filament Tapes

Application examples	Product description and application	Tape	Backing	Adhesion on steel [N/cm]	Total thickness [μm]	Tensile strength [N/cm]	Elongation at break [%]
			Adhesive				
	tesa® 53315 <ul style="list-style-type: none">Fiberglass-reinforced mono filament tape for medium tensile loadsReliable bonding, high initial tackHigh shear resistance and durabilityHighly aging-resistantCan be removed without residue from many surfaces	 ⊗	Fiber-glass/ PET film	7.0	140	380	5.0
			Synthetic rubber				
	tesa® 53319 <ul style="list-style-type: none">Fiberglass-reinforced mono filament tapeVery good adhesion to cardboard and packaging materialPerfect for general bundling purposesReliable fastening and securing of transported goods	 ⊗	Fiber-glass/ BOPP	6.0	108	320	5.0
			Synthetic rubber				
	tesa® 4590 <ul style="list-style-type: none">Universal fiberglass-coated mono filament tapeSecure bonding to cardboardReliable fastening and securing of cargoResistant to damage, strong tear propagation resistance	 ⊗	Fiber-glass/ PET film	9.0	105	250	4.0
			Synthetic rubber				

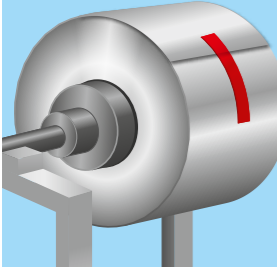

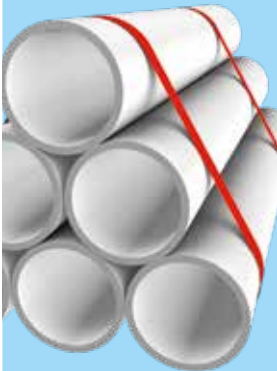



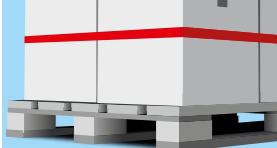



Basic Filament Tapes

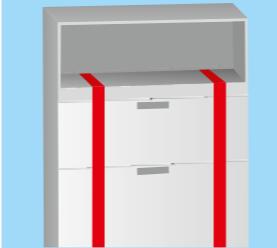

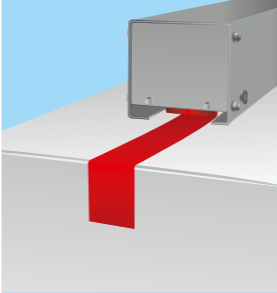

Application examples	Product description and application	Tape	Backing	Adhesion on steel [N/cm]	Total thickness [μm]	Tensile strength [N/cm]	Elongation at break [%]
			Adhesive				
	tesa® 53317 <ul style="list-style-type: none">Fiberglass-reinforced mono filament tapeVery good adhesion to cardboardPerfect for general bundling purposesReliable fastening and securing of transported goods	 ⊗	Fiber-glass/ BOPP	6.0	95	190	5.0
			Synthetic rubber				
	tesa® 53327 <ul style="list-style-type: none">Fiberglass-reinforced mono filament tapeVery good adhesion to cardboardPerfect for general bundling purposesReliable fastening and securing of transported goods	 ⊗	Fiber-glass/ BOPP	6.0	95	175	4.0
			Synthetic rubber				

Cross-Filament Tapes





Application examples	Product description and application	Tape	Backing	Adhesion on steel [N/cm]	Total thickness [μm]	Tensile strength [N/cm]	Elongation at break [%]
			Adhesive				
	tesa® 4578 <ul style="list-style-type: none">Secure bond to various substrates, even to non-polar surfaces like PE and PPExcellent adhesion to corrugated and solid boardThe flexible fibers offer very good stability in longitudinal and transverse direction as well as strong tear propagation resistance when being bent	 ⊗	PET-fiber/ BOPP	8.0	175	230	< 20
			Synthetic rubber				
	tesa® 4593 <ul style="list-style-type: none">Special bidirectional filament tape based on glass filaments laminated to polyester filmUV-resistantHigh temperature resistance (up to 150°C short-term)High aging resistance	 ⊗	Fiber-glass/ PET film	4.0	160	250	< 8
			Acrylic				
	tesa® 4591 <ul style="list-style-type: none">Crossweave filament tape based on glass fiberHigh adhesion and tear resistance as well as excellent elongation at breakFor bundling and palletizing, heavy-duty carton sealing, transport securing, or fixing	 ⊗	Fiber-glass/ PET film	9.5	140	250	< 4
			Synthetic rubber				
	tesa® 4559 <ul style="list-style-type: none">General-purpose bidirectional filament tape based on glass filaments laminated to polyester filmUsed for industrial bundling, palletizing, and fixing applicationsSecure bond to various substratesTear-resistant	 ⊗	PET film	9.5	120	250	5
			Synthetic rubber				

MOPP Tapes

Application examples	Product description and application	Tape	Backing	Adhesion on steel [N/cm]	Total thickness [μm]	Tensile strength [N/cm]	Elongation at break [%]
			Adhesive				
	tesa® 4289 <ul style="list-style-type: none">• Very high tensile strength and low elongation at the same time• High abrasion resistance• Residue-free removability• For applications like surface protection of glass, bundling of heavy steel pipes, palletizing, end tabbing, etc.	 ●	MOPP	5.0	144	420	35
			Natural rubber				
	tesa® 4288 <ul style="list-style-type: none">• High tensile strength with low elongation• Good resistance to heat and cold• UV-resistant due to black backing• For bundling of heavy tubes, strapping, palletizing, and coil tabbing	 ●	MOPP	5.0	114	300	35
			Natural rubber				
	tesa® 4298 <ul style="list-style-type: none">• Good tensilized polypropylene strapping tape with a natural rubber adhesive system• High adhesion level• Very resistant to stains and adhesive transfer• Residue-free removability	 ●	MOPP	6.7	116	285	35
			Natural rubber				
	tesa® 64284 <ul style="list-style-type: none">• Very resistant to stains and adhesive transfer• High abrasion resistance	 ●	MOPP	4.0	110	300	35
			Natural rubber				
	tesa® 4287 <ul style="list-style-type: none">• Good resistance to heat and cold• Good conformability	 ●	MOPP	4.0	79	180	35
			Natural rubber				

Application examples	Product description and application	Tape	Backing	Adhesion on steel [N/cm]	Total thickness [μm]	Tensile strength [N/cm]	Elongation at break [%]
			Adhesive				
	tesa® 4224 <ul style="list-style-type: none">• Specially developed for the food and pharmaceutical industries• Good tensile strength and low elongation at the same time• Clean appearance and high cold resistance, therefore ideal for packaging frozen food as well• Residue-free removability	 ○	MOPP	4.0	79	180	35
			Natural rubber				
	tesa® 64286 <ul style="list-style-type: none">• Good conformability• High adhesion level	 ○	MOPP	7.5	73	175	35
			Natural rubber				

Strapping Specialties

Application examples	Product description and application	Tape	Backing	Adhesion on steel [N/cm]	Total thickness [μm]	Tensile strength [N/cm]	Elongation at break [%]
			Adhesive				
	tesa® 51128 <ul style="list-style-type: none">• Features special natural rubber adhesive system• Removable from labels and cartons without damage to the surface• For securing pallets with printed or labeled cartons	 ○	MOPP	1.0	62	106	140
			Natural rubber				
	tesa® 64250 <ul style="list-style-type: none">• Combines flexibility with the strength of a tensilized polypropylene backing• High adhesion level• Very resistant to stains and adhesive transfer• Ideal for applications on "three-dimensional" surfaces	 ⊗	MOPP	3.0	79	100	30
			Acrylic				

DISPENSING SOLUTIONS



Product features:
To make the packaging process fast, efficient, and safe, we offer special tape dispensers for manual application. These dispensers are tailor-made for our adhesive tapes and were developed in close cooperation with users for optimal ergonomics.



User benefits:
With our professional package dispensers you can ensure that the adhesive tape is evenly dispensed and accurately placed. The dispensers have robust and durable frames and ergonomic handles that can be used by both left- and right-handed people. Depending on the model, tesa® hand dispensers are suitable for applying adhesive tapes from 25 mm to 75 mm width.

Hand Dispensers

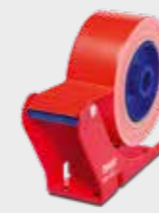

Dispenser	Product description and application	Weight [g]	L/W/H* [mm]	Max. roll diameter [mm]	Max. roll width [mm]	Max. core diameter [inches]
	tesa® 56402 <ul style="list-style-type: none">• Very robust professional hand dispenser for our packaging/strapping tapes• Tension control, adjustable by hand• Hidden blade (injury protection)• Two rubber contact rollers + blade trigger on the handle for cutting the tape• Soft, rubberized handle for a comfortable, secure grip	665	205/65/205	170	50	3
	tesa® 6400 Comfort <ul style="list-style-type: none">• Professional hand dispenser for our packaging tapes• Tension control, adjustable by hand• Hidden blade (injury protection)• Soft rubberized handle for comfortable, safe handling	610	185/70/270	130	50	3
	tesa® 6300 Economy <ul style="list-style-type: none">• Good-value dispenser for professional carton sealing with all types of tesa® packaging tapes in packaging and production areas• Tension control, adjustable by hand• Covered blade	350	150/65/240	120	50	3
	tesa® 6003 Special Taper <ul style="list-style-type: none">• The special dispenser can be adapted to the required roll width• For the precise positioning of the tape on a variety of objects• To reduce tolerances as well as the pressure needed for application	600	320/280/60	300	50	3

*L/W/H = Length/width/height


Bag Sealers

Dispenser	Product description and application	Weight [g]	L/W/H* [mm]	Max. roll diameter [mm]	Max. roll width [mm]	Max. core diameter [inches]
	tesa® 6094 <ul style="list-style-type: none">• Professional bag sealer for medium and large bags• Up to a weight of 5.0 kg• Flag-style seal up to 19 mm wide	1,350	210/85/205	170	19	3
	tesa® 6256 <ul style="list-style-type: none">• Professional bag sealer for small and medium bags• Up to a weight of 3.0 kg• Flag-style seal up to 12 mm wide	720	200/70/145	135	12	3

Stationery Dispensers

Dispenser	Product description and application	Weight [g]	L/W/H* [mm]	Max. roll diameter [mm]	Max. roll width [mm]	Max. core diameter [inches]
	tesa® 6012 <ul style="list-style-type: none">• Professional application of tesa packaging tapes• Can be filled with either one wide or two narrow rolls• Can be attached with the supplied screw clamp or with screws	720	170/65/125	160	1 × 50 2 × 25	3
	tesa® 6032 <ul style="list-style-type: none">• Basic device for tesa® filament and strapping tapes up to 25 mm• Suitable for sealing shipping cartons with L-closures, for bundling rod or ring-shaped goods, and for securing pallets• Special blade for cutting tesa® filament tapes	335	220/45/80	150	25	3

Fully Automatic Bench Dispenser

Dispenser	Product description and application	Weight [g]	L/W/H* [mm]	Max. roll diameter [mm]	Max. roll width [mm]	Max. core diameter [inches]
	tesa® 6068 <ul style="list-style-type: none">• Fully automatic dispenser• Suitable for almost all types of tesa® adhesive tapes up to a width of 60 mm, especially TPP, filament, and cloth tapes• Digital display, required tape lengths can be programmed and stored, counter for number of cut pieces• Can be used for both single- and double-sided adhesive tape including liners with a total thickness of 1.5 mm• When double-sided tape is dispensed, the liner must be removed manually	2,500	213/116/140	300	6–60	3

*L/W/H = Length/width/height

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

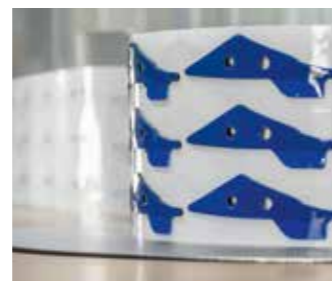
The perfect result is achieved when you adapt the tesa® adhesive tape that matches the substrate individually to your production process. A real added value that helps you to find the optimum connection to your products, increase their quality, save time, and reduce waste in the production process.

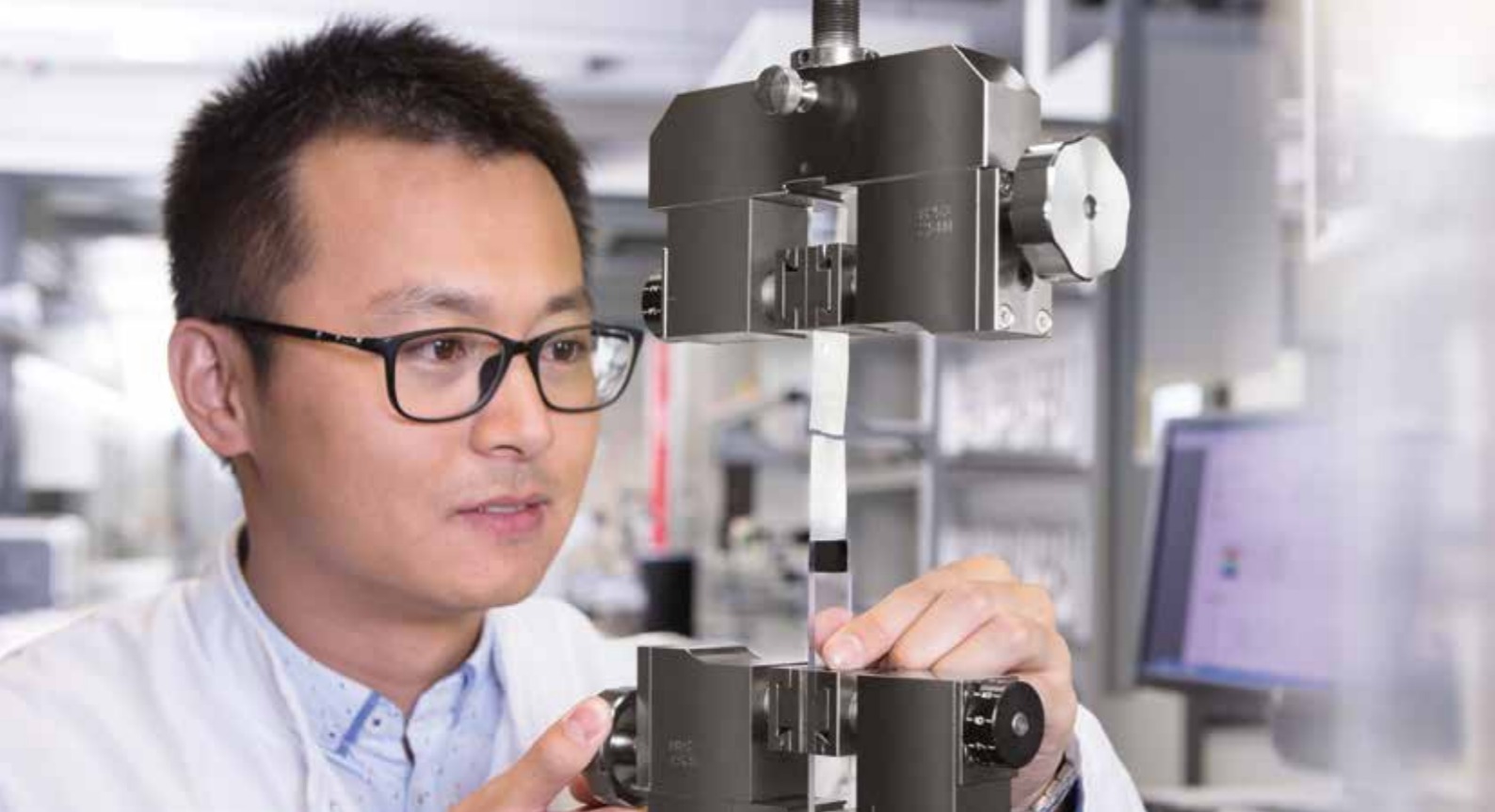
Your company produces with passion and the highest quality standards. As a partner for the industrial sector, we support you in defining the best solution for your production process and in finding the ideal method of application.

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

- Cutting
- Punching
- Lasers
- Laminating

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!





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.

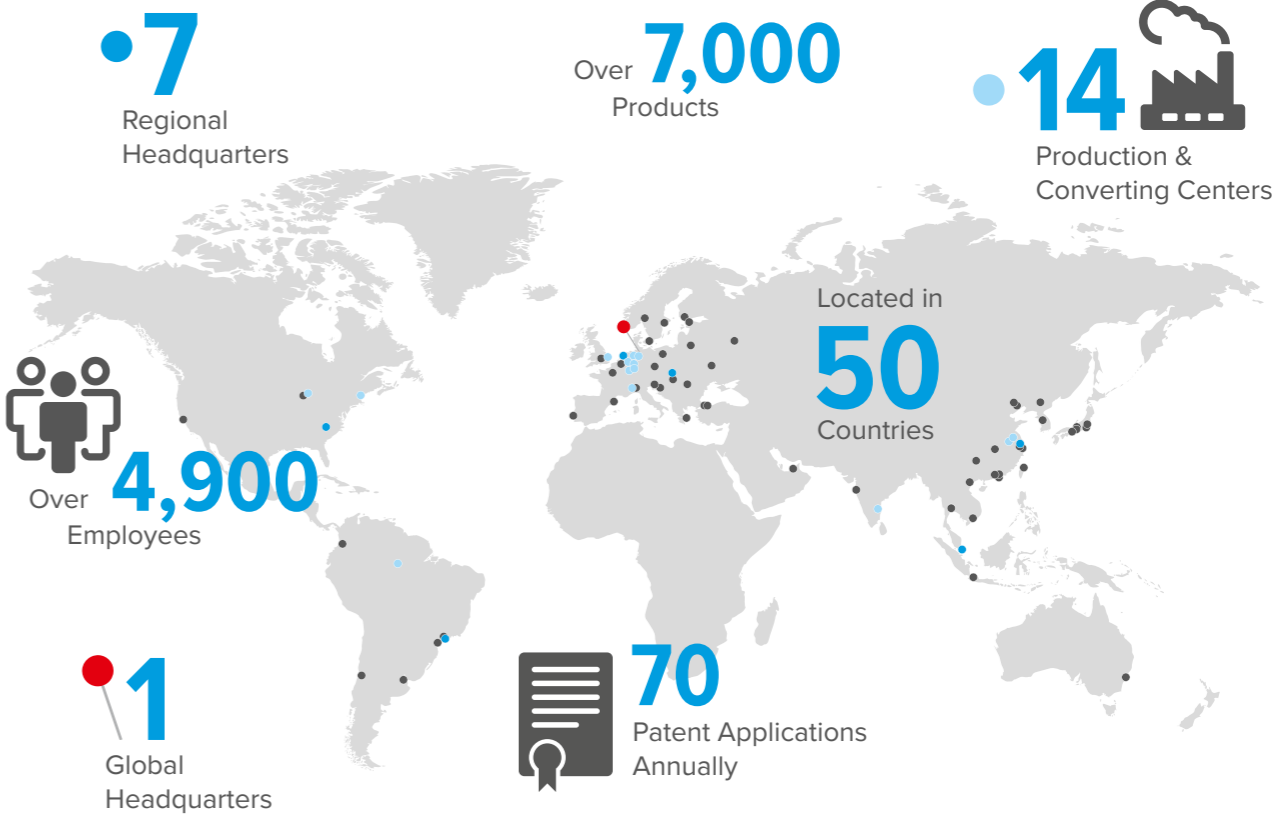


For more information, simply scan the QR code:



BY YOUR SIDE

A Global Partner Providing Local Support



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.