



OUR TAPE SOLUTIONS FOR SECURE PACKAGING

**tesa Packaging Tapes for Food Processing,
Warehousing and Transportation**

PACKAGING OVERVIEW

Our Comprehensive Range of Packaging, Strapping & Filament Tapes

Choosing the Right Packaging Tape

Whether for light or heavy cartons, short transportation or long overseas trips, our packaging tapes ensure peace of mind and security of shipments under all conditions. Our range also encompasses packaging tapes for all requirements - such as those required for recycled board, hard to stick to surfaces, cold rooms and freezers.

Our tried and tested adhesive systems are key to choosing the right tape for the right application. Our adhesive systems include water-based acrylic, natural rubber, and solvent based acrylic. For hard to adhere surfaces and recycled board, we recommend our natural rubber based adhesive systems.

For heavy-duty applications, including heavy weight cartons, bundling and preparing for transport, our range of strapping and filament tapes ensure confidence, security and peace of mind. Our single-weave and cross-weave filament tape options are ideal for securing heavy cartons, while our strapping tapes prevent consignments from slipping, moving, and shifting during transportation.

Our range of packaging tapes also include coloured polypropylene and PVC tapes, designed for marking and colour coding, along with bag sealing and packaging where certain colours are required.

To find out more about our range of packaging solutions, visit www.tesa.com







Packaging Tape Comparison Table

Product	Adhesive	Backing thickness [µm]	Total thickness [µm]	Adhesion to steel [N/cm]	Tensile strength [N/cm]	Cold room [1°C - 4°C]	Freezers [-40°C]	Hard to adhere surfaces	Recycled board	Heavy packaging
tesa® 4260A	Acrylic	25	45	1.9	40	•••	•••	•	•	•
tesa® 4262A	Acrylic	30	52	2.1	45	•••	•••	•	••	••
tesa® 4266A	Acrylic	40	65	2.4	60	•••	•••	•	••	•••
tesa® 4256NR	Natural rubber	28	47	2.5	40	••	••	••	•••	••
tesa® 4259NR	Natural rubber	32	55	2.6	52	••	••	••	•••	•••
tesa® 64204	Acrylic (solvent)	28	55	3	35	•••	•••	•••	•••	••
tesa® 4104	Natural rubber		67	3.6	60	•••	•••	•	••	•••

••• Good •• Medium • Low

PACKAGING TAPE

Creating Confidence in Carton Sealing

Acrylic Packaging	Product description and applications	Technical information		Application ideas
	<p>tesa® 4260A BOPP Packaging Tape</p> <p>General purpose 25 µm polypropylene carton sealing tape with an acrylic adhesive. Available in hand rolls and longer length machine rolls.</p> <p>Application ideas: High volume packaging and carton sealing for light to medium cartons.</p>	Backing	BOPP	
	<p>tesa® 4262A BOPP Packaging Tape</p> <p>Industry standard 30 µm polypropylene carton sealing tape with an acrylic adhesive. Suitable to be applied in temperatures from + 4°C to 40°C. Available in hand rolls and longer length machine rolls.</p> <p>Application ideas: High volume packaging and carton sealing for light to medium cartons.</p>	Backing	BOPP	
	<p>tesa® 4266A BOPP Packaging Tape</p> <p>Premium grade 40 µm polypropylene carton sealing tape with an acrylic adhesive. Available in hand rolls and longer length machine rolls.</p> <p>Application ideas: High volume packaging and carton sealing for medium-weight cartons.</p>	Backing	BOPP	
		Adhesive	Acrylic	
		Colour	Transparent, brown	
		Total thickness	45 µm	
		Adhesion to steel	1.9 N/cm	
		Tensile strength	40 N/cm	
		Adhesive	Acrylic	
		Colour	Transparent, brown	
		Total thickness	52 µm	
		Adhesion to steel	2.1 N/cm	
		Tensile strength	45 N/cm	
		Backing	BOPP	
		Adhesive	Acrylic	
		Colour	Transparent, brown	
		Total thickness	65 µm	
		Adhesion to steel	2.4 N/cm	
		Tensile strength	60 N/cm	







PACKAGING TAPE



Specialised Solutions for Packaging, Colour Coding and Bag Sealing

Rubber Packaging	Product description and applications	Technical information		Application ideas
	<p>tesa® 4256NR BOPP Packaging Tape</p> <p>General purpose 28 µm polypropylene carton sealing tape with a natural rubber adhesive. Ideal for low-temperature packaging. Available in hand rolls and longer length machine rolls.</p> <p>Application ideas: High volume packaging and carton sealing for light to medium cartons.</p>	Backing	Polypropylene	
		Adhesive	Natural rubber	
		Colour	Transparent, brown	
		Total thickness	47 µm	
		Adhesion to steel	2.5 N/cm	
		Tensile strength	40 N/cm	
			<p>tesa® 4259NR BOPP Packaging Tape</p> <p>Premium grade 32 µm polypropylene carton sealing tape with a natural rubber adhesive. Ideal for low-temperature packaging. Available in hand rolls and longer length machine rolls.</p> <p>Application ideas: High volume packaging and carton sealing for medium-weight cartons.</p>	
Adhesive	Natural rubber			
Colour	Transparent, brown			
Total thickness	55 µm			
Adhesion to steel	2.6 N/cm			
Tensile strength	52 N/cm			
Coloured Packaging	Product description and applications			Technical information
	<p>tesa® 64204 Coloured Polypropylene Tape</p> <p>Coloured polypropylene tape with a solvent based acrylic adhesive. Available in eight bright colours (orange, black, transparent, green, red, white, blue, yellow).</p> <p>Application ideas: General Packaging, marking and Colour Coding.</p>	Backing	BOPP	
		Adhesive	Acrylic (solvent)	
		Colour	8 colours (pictured)	
		Total thickness	55 µm	
		Adhesion to steel	3 N/cm	
		Tensile strength	35 N/cm	
		PVC Packaging	Product description and applications	
	<p>tesa® 4104 PVC Bag Sealing Tape</p> <p>Premium PVC packaging tape based with a natural rubber adhesive. Offers excellent performance on all kind of cardboards and secures a safe closure.</p> <p>Application ideas: Sealing small boxes, sealing tins and bags, marking and colour coding</p>	Backing	PVC film	
		Adhesive	Natural rubber	
		Colour	Black, blue, yellow, red, green	
		Total thickness	67 µm	
		Adhesion to steel	3.6 N/cm	
		Tensile strength	60 N/cm	

STRAPPING & FILAMENT

For Bundling, Holding and Preparing for Transport

Filament Tape	Product description and applications	Technical information		Application ideas
	<p>tesa® 4590 Single Weave Filament Tape</p> <p>General purpose one directional filament tape based on glass filaments laminated to polyester film. Combines good longitudinal tensile strength with very low elongation.</p> <p>Application ideas: Bundling and palletising, heavy duty carton sealing, transport securing, fixing and end-tabbing.</p>	Backing	Glass fibre / PET film	
		Adhesive	Synthetic rubber	
		Colour	Transparent	
		Available thickness	105 µm	
		Adhesion to steel	9 N/cm	
		Tensile strength	250 N/cm	
	<p>tesa® 4591 Cross Weave Filament Tape</p> <p>General purpose bidirectional filament tape based on glass filaments laminated to polyester film. The synthetic rubber adhesive bonds well to hard to adhere to surfaces like PE and PP, along with a variety of corrugated and solid board surfaces.</p> <p>Application ideas: Bundling and palletising, heavy duty carton sealing, transport securing, fixing and end-tabbing.</p>	Backing	Glass fibre / PET film	
		Adhesive	Synthetic rubber	
		Colour	Transparent	
		Total thickness	140 µm	
		Adhesion to steel	9.5 N/cm	
		Tensile strength	250 N/cm	

Strapping Tape	Product description and applications	Technical information		Application ideas
	<p>Nopi® 4092 Economy Grade Strapping Tape</p> <p>General purpose HD tensilised polypropylene strapping tape. When properly applied, the tape shrinks and holds the load in place. Offers good initial tack, and residue free removal.</p> <p>Application ideas: Used for palletising and unitising cartons.</p>	Backing	Polypropylene	
		Adhesive	Rubber based	
		Colour	Black	
		Total thickness	97.5 µm	
		Adhesive power	5.5 N/cm	
		Tensile strength	254 N/cm	









tesa strapping tape used for end tabbing on aluminium coil



tesa® 4591 for bundling applications

TAPE DISPENSERS




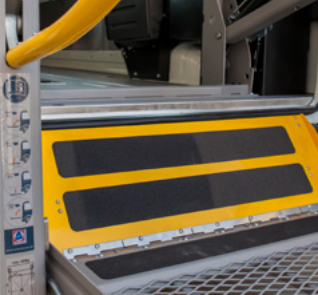
For Use With tesa Packaging Tapes



Teardrop Dispenser	Product description and applications	Application ideas
	<p>tesa® 6076 Teardrop Dispenser</p> <p>Heavy-duty teardrop dispenser which is made from a robust metal housing and is equipped with a plastic contact roller which applies pressure firmly as it applies the tape. Tilting the dispenser cuts the tape with the serrated blade. The dispenser also contains a spare blade on the inside of the housing.</p> <p>Application ideas: Designed for use with tesa packaging tapes. Suitable for use with rolls in up to 50 mm widths.</p>	
Pistol Grip Dispenser	Product description and applications	Application ideas
	<p>tesa® 6300 Economy Pistol Grip Dispenser</p> <p>Cost effective packaging tape dispensing solution which features a tension control function that allows even and easy unwinding of our packaging tapes. The blade has a removable cover to prevent injuries and to keep the blade protected when not in use.</p> <p>Application ideas: Designed for use with tesa packaging tapes. Suitable for use with rolls in up to 50 mm widths.</p>	
	<p>tesa® 6400 Premium Pistol Grip Dispenser</p> <p>Premium and robust dispenser for the fast and efficient application of our packaging tapes. It was designed with industrial applications in mind and combines top-level quality with proven functionality. A sturdy metal design guarantees flawless functionality while a special soft-grip handle supports ergonomic and intuitive operation. Professional-standard safety is guaranteed by a retractable cutting blade that is activated by a special flap at the front of the dispenser. An adjustable tension control allows even and easy unwinding of our packaging tapes.</p> <p>Application ideas: Designed for use with tesa packaging tapes. Suitable for use with rolls in up to 50 mm widths.</p>	



PLANT SUPPLEMENTS

Ensuring Safety Around the Plant

MRO & Safety Tape	Product description and applications	Technical information		Application ideas
	<p>tesa® 4169 Floor Marking Tape</p> <p>Durable floor marking tape which offers outstanding performance on many high demanding floor marking applications. Features a tough vinyl backing coated with an aggressive modified rubber-resin adhesive.</p> <p>Application ideas: Marking of working areas, identifying hazards, guiding lines for mark sensitive vehicles.</p>	Backing	Soft PVC	
		Adhesive	Modified rubber-resin	
		Colour	Yellow, red, white, yellow/black stripe	
		Total thickness	203 µm	
		Adhesion to steel (initial)	1.6 N/cm	
		Temperature resistance (Short-term)	70°C	
	<p>tesa® 56660 Anti-Slip Tread Tape</p> <p>Heavy duty aluminium oxide grit bonded to PVC film with a long ageing acrylic adhesive. Suitable for creating an anti-slip surface where safe footing is required.</p> <p>Application ideas: Vehicle running boards, non-slip safety areas, stairways, agricultural and industrial machinery.</p>	Backing	PVC film	
		Adhesive	Acrylic	
		Colour	Black, yellow, yellow/black stripe	
		Total thickness	700 µm	
		Adhesion to steel (initial)	12.4 N/cm	
		Temperature resistance (Long-term)	-5°C to 50°C	

Cloth Tape	Product description and applications	Technical information		Application ideas
	<p>tesa® 4688 Industry Standard Cloth Tape</p> <p>Industry standard repairing tape constructed with a strong PE extruded cloth backing, which is waterproof, yet flexible and easily hand tearable. It offers very good adhesion properties, even on rough surfaces. Available in eight colours.</p> <p>Application ideas: Sealing heavy cartons, bundling, general repairs, protecting and marking indoors and outdoors.</p>	Backing	PE-coated cloth	
		Adhesive	Natural rubber	
		Total thickness	260 µm	
		Adhesion to steel (initial)	4.5 N/cm	
		Tensile strength	52 N/cm	
		Temperature resistance	110°C (30 min)	



tesa® 56660 tread tape creating anti-slip edging on step



tesa® 4169 marking hazardous area



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

tesa® products prove their impressive quality day in, day out in demanding conditions and are regularly subjected to strict controls. All information and recommendations are provided to the best of our knowledge on the basis of our practical experience. Nevertheless 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. Therefore, 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.

For more information on our industry solutions,
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