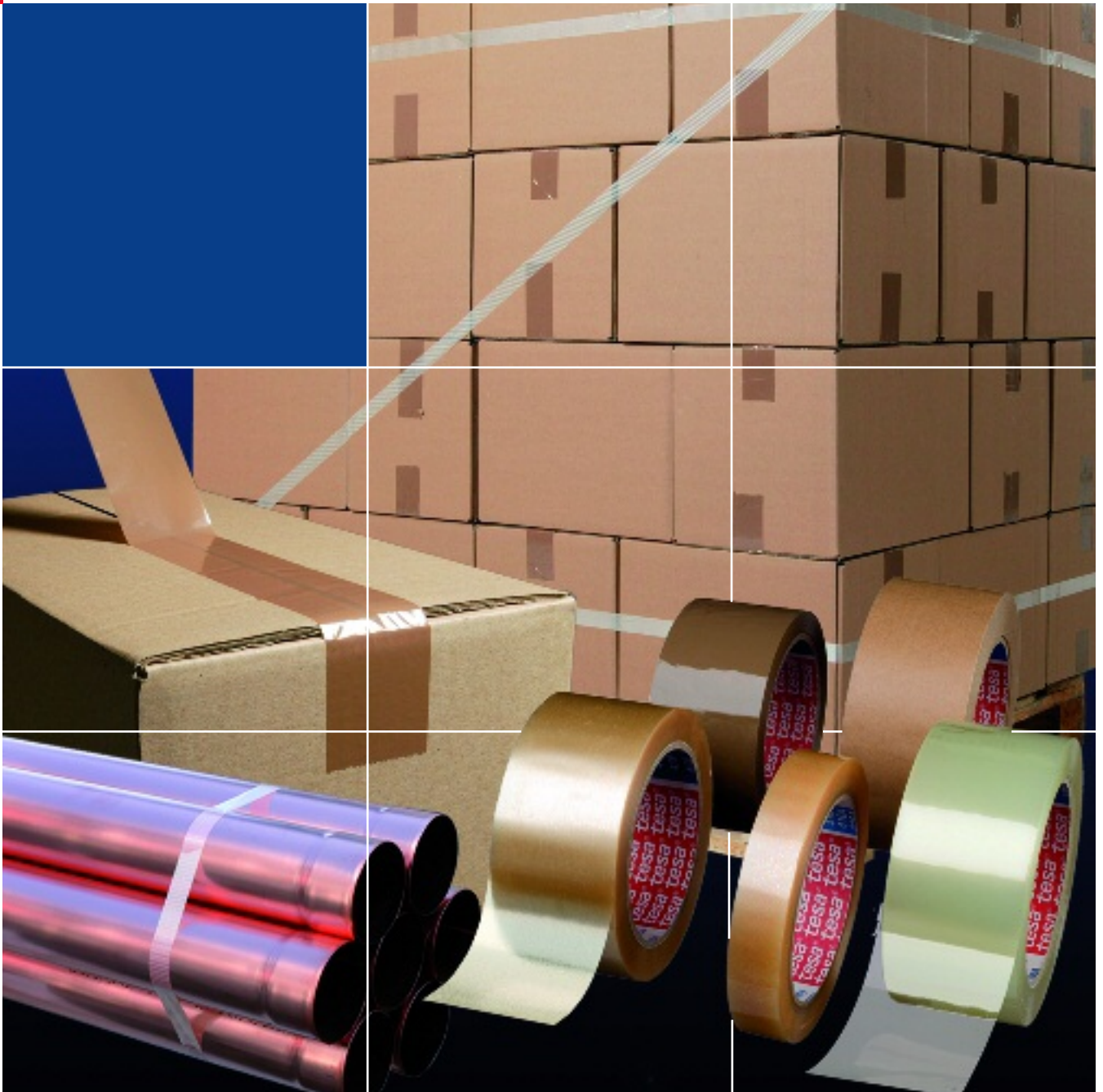


Whatever You Need for Packaging – tesa has Your Solution

Professional Packaging Solutions and More

CORE ASSORTMENT





There Are More than 5 Good Reasons to Cooperate with tesa

tesa - The strong partner for your business

The main purpose of our business is to support you in achieving your strategic targets by selling outstanding, high quality adhesive tapes with an excellent price-/ performance ratio. Your success is our force for creating and developing new and better products, that fulfill the needs of your market fields. tesa is the leading tape brand in Europe. Own research and development centers all over the world with a profound com-

petence in many industrial production processes make tesa the technology leader concerning any adhesive tape solution. The tesa application engineers transfer these technologies to you and your staff. Our goal is to make your business more profitable and to strengthen the partnership between us.

A Strong Brand



Technology and Quality



Logistic and Stock Management



Local Consultancy and Customer Service








Marketing and Sales Support

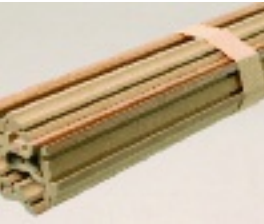








Discover the New tesa® Assortment for Carton Sealing, Palletising & Bundling

Application	Solution example	Page
	tesa® solutions for inner packaging <ul style="list-style-type: none"> Can closures tesa® 4205 Bag closures tesa® 4104 tesa® 4204 	Page 4
	tesa® carton sealing tapes for all packaging needs <ul style="list-style-type: none"> Light to medium weights tesa® 4280 tesa® 4024 Medium to heavy weights tesa® 4120 Special purposes tesa® 4313 	Page 5
	tesa® carton sealing specialities <ul style="list-style-type: none"> Reinforced closures tesa® 4574 Heavy packagings and/or extreme conditions tesa® 4579 	Page 7
 	tesa® tapes for safe palletising and bundling in the whole logistic chain <ul style="list-style-type: none"> Standard palletising tesa® 64285 tesa® 64286 Special palletising tesa® 51128 Bundling of pipes tesa® 4288 barrels tesa® 4574 	Page 7-8

tesa® Tapes for General Purpose Round up Your Assortment

Application	Solution example	Page
    	<p>High quality tesa® tapes for diverse tasks</p> <ul style="list-style-type: none"> ■ Light weight bundling tesa® 4319 tesa® 4323 ■ Heavy duty packaging tesa® 4651 <p>tesa® double sided tapes for diverse fastening tasks</p> <ul style="list-style-type: none"> ■ Display & dummy production tesa® 4965 ■ Sample card production tesa® 64620 <p>tesa® dispenser for secure, fast and easy tape application</p> <ul style="list-style-type: none"> ■ Dispenser for the whole tesa® assortment 	<p>Page 9-10</p> <p>Page 11</p> <p>Page 12</p>

tesa® Solutions for Inner Packaging

The packaging of food, sweets, single items or small industrial parts stands in the beginning of every distribution and delivery. tesa® tapes ensure a safe, easy and hygienic solution in this application field and offer the best cost / performance ratio.



Secure closing of food cans for safe transportation under hygienic conditions



tesa® 4205

tesa® can sealing

tesa® 4205 for can sealing is available in transparent with a natural rubber adhesive in combination with a strong coated PP film backing.



tesa® 4104

tesa® 4204



These coloured allrounders close bags safely. Choose the colour that fits best to your package design.

tesa® bag sealing

The allrounders tesa® 4104 and 4204 are inner packaging tapes with good adhesion and decorative effects. Excellent for closing of e.g. coffee and tobacco bags.

Inner Packaging

tesa® product	4104	4204	4205
Backing	PVC	PP	PP
Adhesive	Rubber	Acrylic	Rubber
Total thickness [µm]	67	58	45
Adhesion/Steel [N/25 mm]	9,0	7,0	6,2
Tensile strength [N/25 mm]	150	162,5	112,5
Elongation at break [%]	60	150	140
Colours	Blue Red Yellow Green	Transp.	Transp.

tesa® bench dispenser

The tesa® bench dispenser 6094 has been developed for efficient bag closing. For further information see page 12.



tesa® 6094



tesa® Carton Sealing Tapes for all Packaging Needs

The tesa® packaging tape range is designed and developed to fulfil all demands concerning carton sealing and excellent performance on transports and logistics. All mentioned tapes are for automatic and manual application and make sure that your goods reach their destination in a good shape.

tesa® – PP loud

- Light to medium weights
- Cost-effective
- Easy unwinding

tesa® 4280 is a noisy unwinding PP tape with a hotmelt adhesive and particularly useful for manual processing. Ideal for lighter packages without high demands.

tesa® 4089 also has a noisy unwind. This PP tape with natural rubber adhesive is very suitable for machine processing due to its easy unwinding. The slightly stronger backing ensures a problem free application on your packaging machinery. Suitable for lighter to medium-heavy cartons.



tesa® 4280



tesa® 4028

tesa® – PP Champion

- Light to medium weights
- Silent unwinding
- Durable
- Solvent-free
- Extremely tear resistant

The PP Champion tape **tesa® 4028** is based on a special polyolefin backing providing superior tear and elongation properties with a special high tack water based acrylic adhesive. The very high tack of the adhesive secures a good sealing immediately after application and in combination with the special backing a strong and reliable hold.

tesa® – PP silent

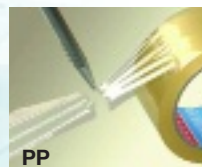
- Light to medium weights
- Silent unwinding
- Durable
- Solvent-free

tesa® 4024 HiTack has an acrylic adhesive and forms a particularly strong bond immediately after first contact with the carton. The long-lasting adhesive ensures top performances also during very long transit times at extreme temperatures. For cartons with limited mechanical loads, we recommend to use **tesa® 64014**.

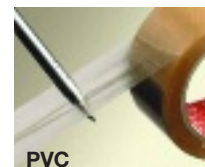
The excellent price-performance ratio allows silent processing due to the 25 µm thick PP backing and solvent free acrylic adhesive.



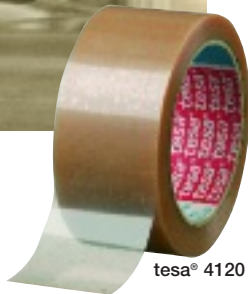
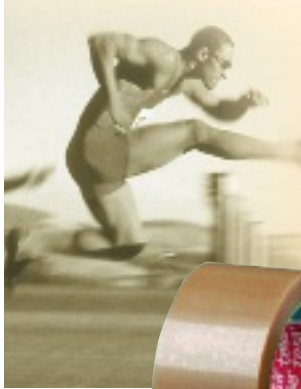
tesa® 4024



PP



PVC



tesa® 4120

tesa® – PVC

- Medium to heavy weights
- Strong
- Versatile
- Proven

The standard product of these universal PVC tapes is **tesa® 4120**. A robust PVC backing with a good natural rubber adhesive ensures secure fastening.

Thanks to its embossed surface **tesa® 4100** offers an increased ease of use during processing. Despite the strong natural rubber adhesive it can be easily and evenly unwound and is, therefore, ideally suited for machine processing.



tesa® – Paper

- Gripping
- Natural
- Harmonious

tesa® 4313 is featured by a long lasting special paper backing (Clupack), which is highly resistant against shock impacts.

tesa® 4313

tesa® packaging tapes for automatic application

tesa® packaging tapes with a minimum of 28 µm backing thickness are specially designed for all kinds of machinal packaging disciplines.



tesa® 56402



tesa® 6400

Carton Sealing Tapes

tesa® Product	4280	4089	64014	4024	4028	4120	4124	4100	4313
Backing	PP loud	PP loud	PP silent	PP silent	PP silent	PVC	PVC	PVC	Paper
Adhesive	Hot-Melt	Rubber	Acrylic	Acrylic	Acrylic	Rubber	Rubber	Rubber	Hot-Melt
Total thickness [µm]	43	46	45	52	54	47	65	65	107
Backing [µm]	25	28	25	28	30	32	38	30	95
Tensile strength [N/25 mm]	35	45	35	45	54	43	60	47	50
Elongation at break [%]	150	140	140	140	80	75	60	75	8
Printed available as	6280	6089	66014	6024	6028	6120	6124	6100	6313
Colours	Transp. Havana	Transp. Havana	Transp. Havana	Transp. Havana	Transp. Havana	Transp. Havana	Transp. Havana	Transp. Havana	Havana



tesa® Tapes for Safe Palletising and Bundling in the Whole Logistic Chain

For all standard transport palletising and bundling applications tesa recommends the strapping and filament tapes. All mentioned tesa® tapes feature high tensile strength, good tear resistance and high bonding strength.

Palletising

tesa® 64285

Natural rubber adhesive, suitable for transport protection, temperature resistant up to 70°C for 8 days.

tesa® 64286

Good tear resistance, synthetic rubber adhesive for a good tack.

tesa® 51128

Specially developed adhesive system allowing removal from cardboard without damage to surface; ideal also for surface protection applications.

tesa® 4288

High tear-resistance, outstanding adhesive features including UV stability for use in direct sunlight.



Reinforcement closure with tesa® 4579, the very strong filament-armed tape from tesa.



Everything remains legible: residue-free removability from cardboard.

tesa® 51128

Strapping & Filament

tesa® Product	64285	64286	51128	4288	4289	4574	4579
Backing thickness [µm]	40	45	40	82	118	Mono-Filament	Cross Filament
Total thickness [µm]	71	65	60	120	150	125	145
Tensile strength [N/25 mm]	400	370	90	780	10	50	500
Adhesion/Steel [N/25 mm]	7,5	16,25	2,5	13,0	13,25	20,0	20,0
Elongation at break [%]	40	35	30	35	35	8	10
Colours	Orange/Transparent		Opak	Black	Yellow	Transparent	

tesa® 64285

tesa® 4288

Bundling

tesa® 4574

Mono-filament adhesive tape,
high longitudinal tear resistance.

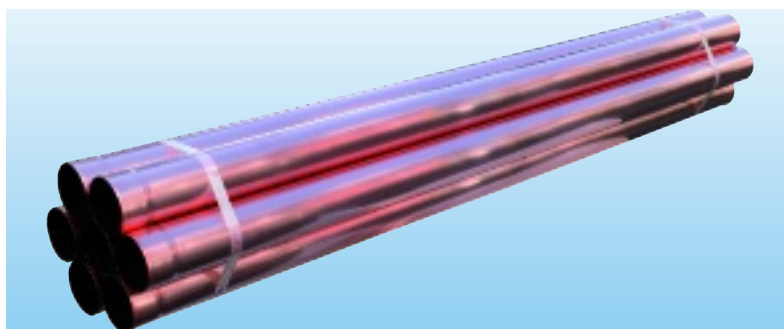
tesa® 4579

Cross-weave, resistance against
tearing both length- and
cross-directional.



Transport protection under highest requirements.
Special adhesive systems and filament backings allow
maximum load capacity, e.g. of hazardous goods.

Easy handling and storage: With tesa® Filament Tapes
heavy loads can easily be bundled. The tapes can be
removed residue-free.



Clever and economic - tesa® Easy Rider, the hand
dispenser that rides on the roll.



Secure handling and storage with tesa® strapping tapes for safe
and economic palletising.



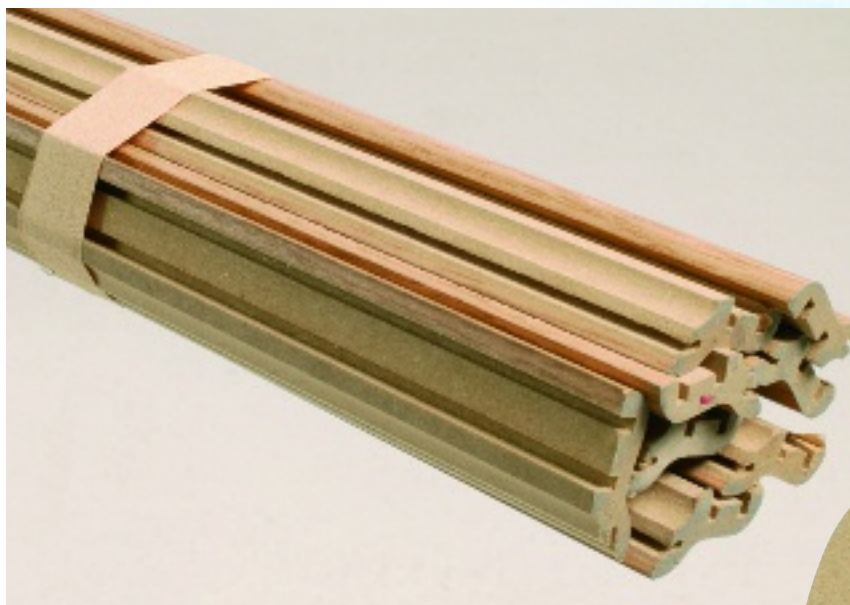
End tabbed steel coils.

tesa® Dispenser

For further information
see page 12.



Round up Your Assortment with High Quality tesa® Tapes for Any Tasks



There is no task for tesa in the packaging and bundling world, which is too sophisticated to be done - Even strong enough for keeping light weights together for storage and transportation.

tesa® 4319 – Bundling Tape

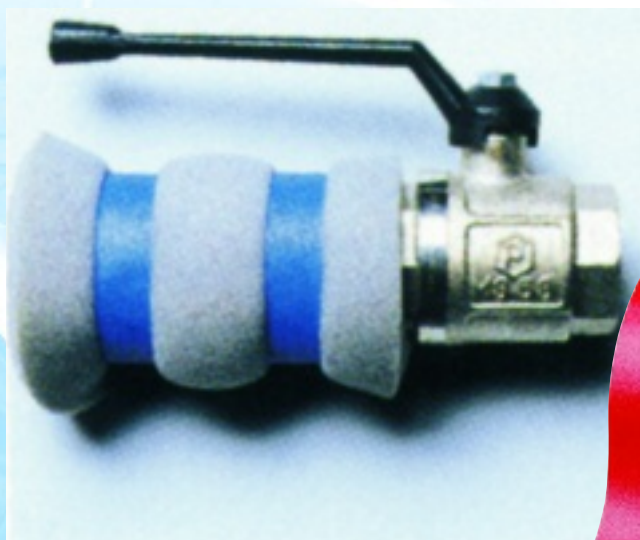
- Very good flexibility
- High adhesion on smooth and rough surfaces
- For bundling of light weight materials
- Clean and residue-free removal
- Easy to tear by hand



Easy for take away - bundled wood panels with residue-free removable tesa® 4319.

General Purpose Tapes

tesa® Product	4319	4323
Backing	Paper	Paper
Adhesive	Rubber	Rubber
Total thickness [µm]	375	130
Adhesion / steel [N/25 mm]	11,25	7,50
Tensile strength [N/25 mm]	70	85
Elongation at break [%]	58	10
Colours	Brown	Sand



tesa® 4651 Premium Cloth Tape

- Very strong cloth tape for universal use
- Excellent adhesion on all surfaces
- Securing material during transport, e.g. pipes or tubes
- Easy to tear by hand



Secure protection of threads on flanges and valves during storage, handling and transport.



tesa® 4688 – Gaffer Tape

- Strong PE-extruded cloth tape
- Good adhesion on rough surfaces
- Flexible cloth backing
- Very easy to tear by hand



Fixation of roll ends with tesa® Duct tape 4662 ensures easier handling while packing. There is no damage through unrolling during transportation.

General Purpose Tapes

tesa® Cloth Tapes	4651	4688	4662
Backing	Cloth	Woven Cloth	PET Cloth
Adhesive	Rubber	Rubber	Rubber
Total thickness [µm]	30	26	23
Adhesion/Steel [N/25 mm]	8,3	8,5	13,3
Tensile strength [N/25 mm]	260	130	95
Elongation at break [%]	13	9	18
Colours	Black White Grey Yellow Red Blue Green Brown	Black White Silver Yellow Red Blue Green	Black White Silver

tesa® 4662 Medium Duct Tape 230

- Suitable for all kinds of fixing, e.g. fastening of construction films
- Moisture and vapour resistant
- Very easy to tear by hand





tesa® Double Sided Tapes – More than One Solution to Increase Your Profit



Carpet sample cards and books are made with tesa® double sided tapes in an economic and cost-efficient way. The strong adhesives ensure long-lasting durability.

Safe and clean assembly for every fastening task

These tesa® tapes are ideal partners for handcraft and industrial use. All of them are real best-sellers and well known for the superior performance they offer.

tesa® 4965

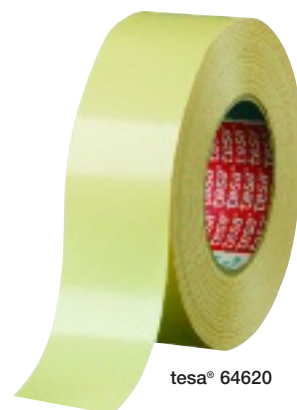
Allround premium tape with acrylic adhesive and strong PET backing. It is dimensionally stable, tear resistant and ideal for converting and automatic processing applications.



tesa® 4965



tesa® 51571



tesa® 64620

Double Sided Tapes

tesa® Product	4965	64620	51571
Backing	PET	PP	Non-Woven
Adhesive	Modif. Acrylic	Synth. Rubber	Synth. Rubber
Total thickness [µm]	205	185	160
Peel adhesion [N/25 mm]	25	15	37,5
Temp. resistance [°C short/long]	200 / 80	60 / 40	60 / 40

tesa® 51571

All-Round tape with synthetic rubber adhesive and non-woven tissue backing for universal use. This tape is conformable, easy to tear by hand and translucent.

tesa® 64620





Profile universal tape with synthetic rubber adhesive and PP film backing for universal use on metal, cloth, paper and plastics. Best choice for display manufacturing and dummy creation.

tesa® Dispenser for Fast and Easy Handling

tesa offers more than just adhesive tapes. We have developed a whole range of manual, semi-automatic and automatic dispenser, enabling easy, clean, and efficient tape application.

Ask your local tesa® consultant for further machines - we cooperate with well-known machine manufacturers all over the globe to satisfy your needs.

tesa® Dispenser Assortment

Dispenser	Specification	tesa® Products
Dispenser 6094 	For inner packaging tapes For closing bags up to 5 kg with a neck diameter up to 11 mm. Dimensions [mm]: L 355 x B 57 x H 180. For roll dimensions of 19 mm width.	tesa® 4104 tesa® 4204
Hand dispenser 6400 & 56402 	For carton sealing tapes Standard industrial hand dispenser 6400 for tesa® carton sealing tapes; automatically operating cutter-blade protection prevents injury; suitable for all tapes up to 50 mm width. The very robust dispenser 56402 'Snapshot' with adjustable tension control allows tape cutting through triggering at the handle; suitable for all tapes up to 50 mm width.	tesa® 4280 tesa® 4089 tesa® 64014 tesa® 4024 tesa® 4120 tesa® 4124 tesa® 4100 tesa® 4313
Hand dispenser 6600 & 6032 	For Strapping Tapes & Filaments Specially designed dispensers for glass-fibre armed tesa® tapes and tapes from our strapping assortment. tesa® 6032 for all tapes up to 25 mm width and roll lengths up to 66 m, the tesa® 6600 Easy Rider is suitable for 19 mm rolls.	tesa® 64286 tesa® 51128 tesa® 4288 tesa® 4574 tesa® 4579 tesa® 64285
Bench dispenser 6012 & 6056 & 6067 	For General Purpose Tapes The bench dispenser tesa® 6012 can be fixed with screws or clamps. It is designed for up to 2 rolls up to 25 mm width or 1 roll up to 50 mm. Dimensions [mm]: L 175 x B 65 x H 120. This tesa® automat 6056 has a justable length dispensation from 30 mm up to 150 mm. The electromagnetic cutting unit ensures plain cutting edges, even for difficult to dispense tapes, e.g. cloth. Dimensions [mm]: L 340 x B 140 x H 150. For all tapes up to 50 mm width. The new tesa® 6067 has a preset tape length from 30 to 999 mm and is featured by a safety guard mechanism.	tesa® 4319 tesa® 4323 tesa® 4662 tesa® 4688 tesa® 4651 tesa® 4965 tesa® 64620

Become a tesa Partner and Take a Chance on Real Benefits for Your Business

tesa offers you a wide range of adhesive tapes, which have often been developed together with you, our customers. tesa® tapes help improve product quality and contribute to streamlined and efficient production processes in handcraft and industries. tesa has a worldwide reputation as leading supplier of adhesive tapes to most distribution channels for all industries.

We assist our customers with the all-important sharing of know how and technology leading to better profits. tesa is the long-standing and sought after consulting partner for the development of new, economical manufacturing processes, always searching for the best, most cost-effective solution.

For further information please order from the following brochures

This booklet describes a variety of professional packaging solutions with tesa® tapes. For a detailed assortment overview with

regard to individual application related needs please see the below mentioned brochures.

tesa® Packaging Tapes



tesa® Strapping Tapes



tesa® Fastening Tapes



tesa® Repairing Tapes



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