

# tesa® Industrial Product Catalog

Adhesive Tape Solutions Beyond the Roll



## Adhesive Tape Solutions Beyond the Roll

For more than a century, tesa has supplied the world with adhesive tape solutions to meet the needs of the day. Today, tesa is one of the largest manufacturers and suppliers of adhesive tapes in the world. We're proud to be the people who bring you today's industrial-strength adhesive solutions that are founded in a rich heritage of invention.

At tesa, we are committed to pioneering new adhesive technologies that go beyond typical applications for tape. Our advanced research and development centers, located around the world, bring you the best tape solutions derived from more than a century of research. Today, tesa holds hundreds of product patents for unique adhesive tape formulations, and we continually develop innovative products to meet the changing needs of the marketplace.

A staff of tesa engineers, scientists, and hundreds of other tape experts continue to make good on our promise to deliver exceptional quality and customer service that extend beyond the original sale. You're never more than a phone call, email, fax, or click away from getting the support you need.

### Global Presence

tesa is one of the world's leading manufacturers of pressure-sensitive adhesive tape solutions for numerous industries. Our experience in adhesive technologies has transformed many industrial applications around the world.

Today, the worldwide tesa enterprise services customers in over 100 countries and holds hundreds of product patents. The company's multiple production and converting sites located throughout Germany, Italy, the United States, China, Colombia, and Singapore, ensure that clients all over the world have access to tesa® product solutions.

With more than 4,000 employees based in over 51 countries around the world, tesa stands committed to exceptional customer service on both a global and local basis.





## Servicing Our Customers Beyond the Roll!

As a partner to the industry, tesa works closely with customers to analyze production processes in order to develop custom solutions for increasing efficiency and optimizing end products.

With over 35 sales offices in North America and multiple production and converting sites strategically located around the world, tesa is prepared to provide the prompt, attentive service you not only need but also expect. Our commitment to customer satisfaction is never compromised and always extends beyond the roll of tape.



### Quality

The tesa® quality assurance program ensures that tesa® products meet rigorous quality standards before they are shipped from our manufacturing facilities.

### Service

tesa® customers have access to a large number of support personnel to assist with service needs. This arsenal of support includes field sales specialists; customer care associates for customer service inquiries via phone, fax, or email; application and sales experts; as well as a resource that's open day and night – [www.tesatape.com](http://www.tesatape.com).

### Innovation

A dedicated research and development staff is continuously at work creating and testing new products for both common and highly-specialized applications.

### Extensive Product Offering

tesa offers a full range of tape products, including double-sided, masking, packaging, and duct tapes, as well as a myriad of other standard and specialty tapes. Our comprehensive product line renders tesa® customers a single source for all their tape needs – a savings of time and money.

### Partnership

At tesa, we take pride in our strong customer partnerships that result in mutual business success. tesa® partners are equipped with the necessary tools, training, and support to effectively sell or use tesa® products.

### Value

At tesa, it is our charter to provide our customers with service levels and applications expertise that are second to none in the industry. With this as our goal, we stand committed to providing adhesive tape solutions beyond the roll of tape! We've proven our commitment to thousands of customers for more than a century. Let us prove ourselves to you.

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## Double-Sided Permanent Mounting

Product	Transfer	Thickness-mils	Adhesion-oz/inch Initial / > 14 days	Adhesive	Temp. Resist.F/C
tesa® 4900*	Unsupported adhesive transfer tape, clear	2	31 / 34.7	Acrylic	392°/200°
tesa® 4985*	Premium thin unsupported adhesive transfer tape, clear	2	73 / 101.4	Acrylic	392°/200°
NOPI™ 7002	Reverse-wound transfer tape, one-inch core, translucent	1.6	25 / 25	Acrylic	360°/182°
Product	Tissue	Thickness-mils	Adhesion-oz/inch Initial / > 14 days	Adhesive	Temp. Resist.F/C
tesa® 4959	Performance double-sided tape with tissue reinforcement, translucent	4.5	56.6 / 68.5	Acrylic	392°/200°
tesa® 4962	High-performance double-sided tissue tape, translucent	6.3	96 / 115	Acrylic	392°/200°
tesa® 4987	Premium double-sided tape with tissue reinforcement, translucent	5	82.2 / 102.3	Acrylic	392°/200°
tesa® 51571	Double-sided tape with tissue reinforcement, translucent	6.3	109.6 / 119	Rubber	176°/80°
tesa® 51575	Economy double-sided tissue tape, translucent	3.5	29 / 29	Acrylic	392°/200°
Product	Woven	Thickness-mils	Adhesion-oz/inch Initial / > 14 days	Adhesive	Temp. Resist.F/C
tesa® 4934	Economy double-sided tape with cloth reinforcement, white	8.7	91 / 91	Rubber	160°/70°
tesa® 4964	High-performance double-sided tape with cloth reinforcement, white	15	69 / 73	Rubber	320°/160°
Product	Film	Thickness-mils	Adhesion-oz/inch Initial / > 14 days	Adhesive	Temp. Resist.F/C
tesa® 4965	Premium double-sided tape with clear polyester reinforcement, translucent	8	105 / 128	Acrylic	392°/200°
tesa® 4967	Double-sided polyester tape with acrylic adhesive, translucent	6.3	103 / 122.4	Acrylic	392°/200°
tesa® 4968	Premium double-sided tape with PVC <sup>1</sup> reinforcement, white	11.6	96 / 246.7	Acrylic	160°/70°
tesa® 4970	High-performance double-sided tape with PVC film reinforcement, white	9.4	123 / 135	Acrylic	160°/70°
tesa® 4972	Very thin double-sided tape with clear polyester reinforcement, translucent	1.9	62 / 75.8	Acrylic	392°/200°
tesa® 4980	Double-sided polyester tape with acrylic adhesive, translucent	3.1	70 / 96	Acrylic	392°/200°
tesa® 4982	Double-sided polyester tape with acrylic adhesive, translucent	4	75 / 107	Acrylic	392°/200°
tesa® 4983	Double-sided ultra-thin tape, translucent	1.2	45.7 / 64	Acrylic	392°/200°
tesa® 51903	Linerless specialty double-sided tape with PVC film reinforcement, transparent	3.4	22 / 27.4	Acrylic	160°/70°
tesa® 51970	High-performance double-sided tape with PP <sup>2</sup> reinforcement, translucent	9	119 / 148	Acrylic	266°/130°
tesa® 51977	Double-sided tape with PP film backing and acrylic adhesive, white	9.5	111.5 / 137	Acrylic	302°/150°
tesa® 64620	Economy double-sided tape with PP reinforcement, white	7	110 / 237.5	Rubber	160°/70°
tesa® 64621	Economy double-sided tape with PP reinforcement, transparent	3.5	91.4 / 137	Rubber	160°/70°
Product	Foam	Thickness-mils	Adhesion-oz/inch Initial / > 14 days	Adhesive	Temp. Resist.F/C
tesa® 4952	Premium double-sided polyethylene foam tape for general bonding, white	45	>59**/ >73**	Acrylic	170°/80°
tesa® 4957	Premium double-sided polyethylene foam tape for general bonding, white, black	43	>36.5**/ >36.5**	Acrylic	170°/80°
tesa® 4977	Performance double-sided polyurethane foam tape, white	33	>64**/ >82**	Acrylic	392°/200°
tesa® 51930	High-performance double-sided polyurethane foam tape, gray	32	>112**/ >192**	Acrylic	212°/100°
tesa® 62872	Premium double-sided polyethylene foam tape for constructive bonding, black	20	>86.8**/ >182.7**	Pure Acrylic	176°/80°
tesa® 62875	Premium double-sided polyethylene foam tape for constructive bonding, black	36	>82**/ >210**	Pure Acrylic	176°/80°
tesa® 62932	Premium double-sided polyethylene foam tape for constructive bonding, black, white	20	>119**/ >155**	Acrylic	176°/80°
tesa® 62934	Premium double-sided polyethylene foam tape for constructive bonding, black, white	32	>155**/ >155**	Acrylic	176°/80°
tesa® 62936	Premium double-sided polyethylene foam tape for constructive bonding, white	64	>146**/ >173.6**	Acrylic	176°/80°
tesa® 64958	Premium double-sided polyethylene foam tape for constructive bonding, white	41	>36.5**/ >36.5**	Rubber	86°/40°
Product	Heat-Activated Films	Thickness-mils	Adhesion-oz/inch	Adhesive	
tesa® 8400	Premium heat-activated film tape, brown	10.6	N/A <sup>3</sup>	Phenolic Resin	
tesa® 8401	Premium heat-activated film tape, brown	7.9	N/A	Phenolic Resin	

\*Also available in reverse-wound configuration on one-inch core

\*\*Adhesion levels greater than cohesion of foam

<sup>1</sup>PVC - polyvinyl chloride    <sup>2</sup>PP - polypropylene    <sup>3</sup>N/A - not applicable

## Splicing

Product	Description	Thickness-mils	Adhesion-oz/inch	Adhesive	Temp. Resist.F/C
tesa® 4441	Premium repulpable single-sided creped paper tape, blue, white	5.5	N/A	Acrylic	392°/200°
tesa® 4900	Unsupported adhesive transfer tape, clear	2	31	Acrylic	392°/200°
tesa® 4961	Performance double-sided tape with paper reinforcement, translucent	8	71	Rubber	302°/150°
tesa® 4962	High-performance double-sided tape with tissue reinforcement, translucent	6.3	96	Acrylic	392°/200°
tesa® 4973	High-performance double-sided tape with film reinforcement, transparent	1.2	25.6	Acrylic	392°/200°
tesa® 50605	Performance corrugated splicing tape, translucent	3.5	41	Acrylic	425°/218°
tesa® 50658	High-performance corrugated splicing tape, translucent	4.7	49	Acrylic	425°/218°
tesa® 51446	High-performance repulpable single-sided flatback tape, blue	4	N/A	Acrylic	392°/200°
tesa® 51912	Manual splice repulpable double-sided tape with tissue reinforcement, blue	3.7	N/A	Acrylic	428°/220°
tesa® 51913	Manual splice repulpable double-sided tape with tissue reinforcement, blue	2.6	N/A	Acrylic	428°/220°
tesa® 51914	Flying splice repulpable double-sided tape with tissue reinforcement, blue	3.5	N/A	Acrylic	428°/220°
tesa® 51915	Flying splice repulpable double-sided transfer tape, blue	2	N/A	Acrylic	392°/200°
tesa® 51917	Flying splice repulpable double-sided tape with tissue reinforcement, blue	4.7	N/A	Acrylic	392°/200°

## Masking

Product	Paper	Temp. Resist. F/C	Thickness-mils	Adhesion-oz/inch	Tensile-lbs/inch	Elongation %
tesa® 4302	High-performance high-temperature masking tape, cream	320°/160°	6.7	36	26.3	10%
tesa® 4318 PV2	High-performance masking tape, cream	320°/160°	6.7	36	26.8	12%
tesa® 4304	Premium high-temperature masking tape, brown	285°/140°	7.1	44	26.8	12%
tesa® 4341	Premium mid-temperature masking tape, brown	285°/140°	6.7	43	30	13%
tesa® 4309	Premium masking tape, brown	250°/120°	6.7	32	27	12%
tesa® 4316	Premium masking tape, cream	212°/100°	5.5	32	22	10%
tesa® 4308	Premium masking tape, cream	230°/110°	6.7	36	30	13%
tesa® 53134	Low-temperature universal masking tape, cream	176°/80°	5.9	30	21	15%

Product	Fine-Line	Temp. Resist. F/C	Thickness-mils	Adhesion-oz/inch	Tensile-lbs/inch	Elongation %
tesa® 4174	Highly flexible fine-line tape, green	300°/150°	4.3	31	14	200%
tesa® 4244 PV2	High-temperature fine-line tape, gold	285°/140°	5.4	38	21	252%
tesa® 7133	High-strength straight-line tape, blue	250°/120°	3.2	18	76	30%
tesa® 50589	Fine-line masking tape for design painting, yellow	320°/160°	5.1	14.6	13.7	180%
tesa® 7386	Flexible fine-line tape, yellow	285°/140°	4.3	34	15	237%

Product	General-Purpose & Painter's Grade	Temp. Resist. F/C	Thickness-mils	Adhesion-oz/inch	Tensile-lbs/inch	Elongation %
tesa® 4421	Medium-performance high shear masking tape, cream	203°/95°	5.8	33.8	21	10%
tesa® 50124	General-purpose high shear masking tape, cream	203°/95°	5.6	26.5	20	10%
tesa® 53120 PV1	General-purpose masking tape, cream	140°/60°	5.2	31	21	10%

Product	Surface Protection	Temp. Resist. F/C	Thickness-mils	Adhesion-oz/inch	Tensile-lbs/inch	Elongation %
tesa® 4368	tesa EasyCover® universal premium tape, film, and paper combo	140°/60°	5.5***	31***	21.7***	10%***
tesa® 4378	tesa EasyCover® Auto premium tape, film, and paper combo	248°/120°	6.7***	32***	26.8***	12%***
tesa® 4379	High-temperature PP overmask film, transparent	310°/155°	2	N/A	8.5	700%
tesa® 4848	Surface protection film, red	140°/60°	2	17	21	N/A
tesa® 4848 PV1	UV <sup>4</sup> resistant surface protection film, clear	140°/60°	1.9	7.3	7	200%
tesa® 50530	Premium protection film for freshly painted vehicle surfaces, white	9 months (Florida)	3.1	9	12.6	600%
tesa® 50535	Performance protection film for freshly painted vehicle surfaces, white	9 months (Florida)	2.4	7.3	12	650%
tesa® 50550	Premium protection film for vehicle glass, transparent	6 months (Florida)	3	1.4	10.3	650%
tesa® 51136	Surface protection film, green	212°/100°	4.1	22	10.8	>300%
tesa® 51132	UV resistant surface protection film, clear	140°/60°	3.3	25.5	8.6	250%
tesa® 51134	Surface protection film, clear	212°/100°	3.3	22	8.6	200%

\*\*\*Tape specifications only

### Tensitized Polypropylene (TPP)

Product	Description	Thickness-mils	Adhesion-oz/inch	Tensile-lbs/inch	Elongation %
NOPI™ 4090	General-purpose tensitized polypropylene tape, mid-duty, black, white	2.7	47	95	35%
NOPI™ 4091	General-purpose tensitized polypropylene tape, mid-duty, clear, orange	2.7	47	95	35%
NOPI™ 4092	General-purpose tensitized polypropylene tape, heavy-duty, black	4	49	102	35%
tesa® 4224	General-purpose tensitized polypropylene tape, black, white	3.1	36.5	103	35%
tesa® 4287	General-purpose tensitized polypropylene tape, clear, orange	2.8	49	103	35%
tesa® 4288	Performance tensitized polypropylene tape, black	4.1	49	143	35%
tesa® 4289	Premium tensitized polypropylene tape, yellow	5.8	50	214	35%
tesa® 4297	High-performance tensitized polypropylene tape, ivory	4.1	46	143	35%
tesa® 4298	High-performance non-staining tensitized polypropylene tape, blue, clear, ivory, white	4.6	64	163	35%
tesa® 4299	Premium non-staining tensitized polypropylene tape, yellow, clear	6	68.5	200	35%
tesa® 51128	Low-tack tensitized polypropylene tape, translucent	2.5	9	60.5	30%
tesa® 53000	High-strength tensitized polypropylene tape for low surface energy, blue	4.9	64	160	30%
tesa® 53200	High-strength tensitized polypropylene tape for low surface energy, light green	4.2	82	143	35%
tesa® 53300	High-strength tensitized polypropylene tape for low surface energy, blue	4.5	82	163	35%
tesa® 51010	Superior-strength tensitized polypropylene tape, steel gray	5	64	228	20%
tesa® 6291	Ring knife (for easy cutting of tensitized polypropylene tapes)	N/A	N/A	N/A	N/A

### Tear Tape

Product	Description	Thickness-mils	Adhesion-oz/inch	Tensile-lbs/inch	Elongation %
tesa® 53488	Standard grade tear tape, red, white	3.4	69	120	32%
tesa® 53490	Performance grade tear tape, white	4.3	78	148	35%
tesa® 53494	Superior grade tear tape, white	5.2	78	177	35%
tesa® 7496	Premium tear tape for solid board applications, white	6.8	47	258	35%

### Filament

Product	Description	Thickness-mils	Adhesion-oz/inch	Tensile-lbs/inch	Elongation %
tesa® 4579	High-performance bi-directional filament tape, transparent	5.8	73	131	10%
tesa® 53311	High-performance fiberglass reinforced filament tape, transparent	6.9	40	250	4%
tesa® 53314	Premium non-staining fiberglass reinforced filament tape, transparent	9.5	40	370	4%
tesa® 53317	General-purpose fiberglass reinforced filament tape, transparent, white	3.9	69	110	4%
tesa® 53318	Performance fiberglass reinforced filament tape, transparent	4	65	125	4.5%
tesa® 53319	Performance fiberglass reinforced filament tape, transparent	4.4	70	155	4.5%
NOPI™ 53327	General-purpose fiberglass reinforced filament tape, transparent	3.8	69	100	4.5%

### Carton Sealing

Product	Description	Thickness-mils	Adhesion-oz/inch	Tensile-lbs/inch	Elongation %
NOPI™ 4085	PVC tape, standard grade, tan, clear, printable	1.9	18.3	26	75%
tesa® 4104	Performance PVC tape, clear, red, other colors, printable	2.6	35	34	60%
tesa® 4120	Performance PVC tape with quiet release, clear, tan, white, printable	1.9	18	25	75%
tesa® 4124	High-performance PVC tape, clear, tan, white, printable	2.6	29	34	60%
tesa® 4204	Premium PVC bag sealing tape, green, red, white, other colors	2.3	18	28	75%
tesa® 4263	Standard grade biaxially-oriented polypropylene tape, hot-melt rubber adhesive, clear, tan	1.9	48	26	140%
tesa® 4264	General-purpose biaxially-oriented polypropylene tape, hot-melt rubber adhesive, clear, tan	1.7	44	22	165%
tesa® 4269	Premium biaxially-oriented polypropylene tape, hot-melt rubber adhesive, clear	3	57	45	95%
tesa® 4313	Performance kraft paper tape, synthetic rubber adhesive, tan, white	4.3	64	29	8%
tesa® 53302	Premium kraft flatback tape, natural rubber adhesive, tan	7	43	36	7%
tesa® 53313	Performance kraft flatback tape, natural rubber adhesive, tan	7.2	50	45	7%

### Cloth

Product	Description	Thickness-mils	Adhesion-oz/inch	Tensile-lbs/inch	Elongation %
tesa® 4651	Performance acrylic-coated cloth tape, silver, black, white, brown, red, blue, yellow, green	12	30	57	13%
tesa® 4657	Premium high-temperature cloth tape, up to 320°F (160°C), black, gray	11.4	42	57	7%
tesa® 53949	Matte gaffer poly-coated cloth tape, black, silver, white	12	18.3	51	10%
tesa® 4688	Multi-purpose PE <sup>5</sup> -extruded cloth tape, black, white, yellow, red, blue, green	10.4	31.6	29.2	9%
tesa® 4671	Premium high-temperature cloth tape, black, white, gray	11.4	42.8	51.3	12%
tesa® 4665	Outdoor UV/weather resistant cloth tape, transparent	8.4	73.1	23.4	23%
tesa® 4660	Flexo-printable cloth tape	11	37	50	7%
tesa® 64613	Utility grade duct tape, black, silver	7.5	45	22	16%
tesa® 64662	Industrial grade duct tape, black, blue, red, silver, white, yellow	9	50	24	16%
tesa® 64663	Professional grade duct tape, black, red, silver	12	70	44	25%

### Other

Product	Cellophane	Thickness-mils	Adhesion-oz/inch	Tensile-lbs/inch	Elongation %
tesa® 4101	Transparent cellophane tape, hand-tearable, low stretch, anti-static, clear	2.2	55	24	25%

  

Product	Belting/Bandoliering, Polyimide, Vinyl, Foil, Other	Thickness-mils	Adhesion-oz/inch	Tensile-lbs/inch	Elongation %
tesa® 53131PV4	Axial bandoliering tape, creped paper, blue, cream	6.7	36	29	11%
tesa® 51408	Polyimide film tape, amber	2.5	20	30	60%
tesa® 60760	High-performance soft PVC aisle marking tape, various colors	6	22	16	160%
tesa® 53900	Aluminum foil tape with paper liner, silver	4	90	17	3%
				<b>Temp. Resist. Short-Term F/C</b>	
tesa® 4563	Printer's Friend anti-slip smooth cotton cloth, siliconized treated tape, gray	13.4	37.5	302°/150°	
tesa® 4863	Printer's Friend anti-slip dimpled cotton cloth, siliconized treated tape, gray	25	32	302°/150°	

### Dispensers

Product	Item	Description	Max. Tape Width (inch)	Max. Roll Diameter (inch)
tesa® 6037	Pre-set Dispenser	Semi-automatic table-top dispenser for single-sided tapes	1.18	5.5
tesa® 6068	Superior Pre-set Dispenser	Fully-automatic table-top dispenser for single and double-sided tapes	2	11.8
tesa® 6013	Transfer Tape Dispenser	Hand dispenser for transfer and double-sided tapes	1	5.9
tesa® 6032	Strap-it Dispenser	Professional hand dispenser for single-sided filament & strapping tapes	1	5.9
tesa® 6600	Easy Rider Dispenser	Professional hand dispenser for single-sided strapping tapes	.75	5.7
tesa® 56402	Superior Snapshot 50 Dispenser	Professional hand dispenser for single-sided packaging tapes	2	6.7
tesa® 6300	Economy Dispenser	Classic hand dispenser for single-sided packaging tapes	2	4.7
tesa® 6259	Carton Sealing Tape Dispenser	Classic hand dispenser for carton sealing tapes	2	6.7

### Capabilities

A variety of tesa® tapes are available in custom configurations, including:

- Long-length Spools
- Die-cuts
- Perforated Sections
- Printable Backings
- Serrated Edges
- Ask your tesa® Sales Specialist



<sup>5</sup>PE - polyethylene

Technical product data is presented with median-range values. Actual values may be slightly higher or lower.

## tesa - Professional Tape Technology

For over a century, tesa has pioneered the development of pressure-sensitive adhesive tape technologies. This rich tradition of innovation dates back to 1882 when the company's founder patented a method for manufacturing medical adhesive dressings. Today, the worldwide tesa enterprise services customers in over 100 countries around the globe and holds numerous product patents. At tesa, our charter is to provide our customers with service levels and applications expertise that go well beyond the roll of tape.



- tesa affiliate
- tesa production plant

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