

A black and white photograph of a motorcycle, likely a Honda CBR600F4i, is the background of the slide. A red line is drawn over the motorcycle's fairings, tracing the front cowl, headlight area, and side fairings, highlighting the areas where the tesa LSE Mounting Assortment is applied. The motorcycle is parked in front of a corrugated metal wall.

tesa® LSE Mounting Assortment.

Designed to Perform. Priced to Compete.

Customer Launch Presentation

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## Closing the gap: Our strategic move into the LSE tape market



Industries are increasingly shifting to polypropylene (PP), polyethylene (PE), and thermoplastic olefins (TPOs) due to their lower material costs, high-volume manufacturability, and lightweighting advantages while also supporting recyclability and mono-material strategies



Our new double-sided PET and transfer tape assortment offers primerless bonding on hard-to-bond plastics like PE, PP, and TPO, with engineered performance from tesa® 4950 and 74515 - delivering strong, reliable adhesion without the need for primers and ensuring plasticizer resistance in critical applications where conventional tapes fall short.



Our new product development will be on par with and competitive against established LSE market offerings. We offer a European Product assortment, with easy access and flexible extension on demand.



We integrated sustainable features by using PCR PET and our new more sustainable liner to respond to customer demand for more sustainable products.



## Closing the gap: Our new LSE assortment



**tesa® 4950**

100µm D/S LSE PET



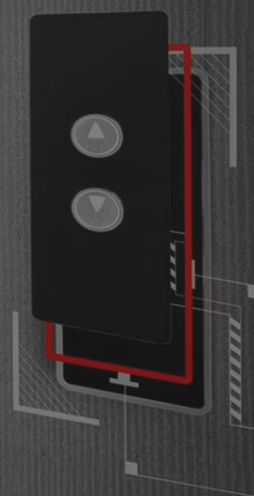
tesa® 4965 (200µm)

tesa® 4953 (100µm)

tesa® 4945 (50µm)



**CORE OFFERING: D/S PET TAPE**



**tesa® 74515**

125µm D/S LSE Transfer



tesa® 75515 (125µm)

tesa® 75507 (75µm)

tesa® 75505 (50µm)



**CORE OFFERING: D/S TRANSFER TAPE**

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Composing the solution: A tailored LSE assortment for every need

Product name	tesa® 4950		tesa® 74515	
Backing	90% PCR PET		None	
Adhesive	LSE tackified acrylic		LSE tackified acrylic	
Color	Transparent		Transparent	
Design	<div><div>PV04   White PCK liner PV20   Branded glassine</div><div>Tailored LSE tackified acrylic</div><div>90% PCR PET (12µm)</div></div>		<div><div>PV04   White PCK liner PV12   Transp. PET liner</div><div>Tailored LSE tackified acrylic</div></div>	
Total Thickness	µm	100		125
Adhesion to PP	N/cm	6.6		10.0
Adhesion to PE	N/cm	5		5.5
Temp. resistance	°C	200°C (short)		200°C (short)
Liner	<b>PV04:</b> White PCK liner <b>PV20:</b> Branded more sust. glassine		<b>PV04:</b> White PCK liner <b>PV12:</b> Transparent PET liner	



## Driving value with our LSE tape solutions



### Primerless Application

Reliable bonding with no primers – fewer steps, less complexity, and faster production. Simplifies workflows and enables global scalability.



### Attractive Pricing for Value-Driven Markets

tesa® LSE tapes are attractively priced vs competitors delivering premium performance while helping you stay efficient and competitive.



### Built to Compete, Earning Recognition

Our LSE tapes are engineered to rival industry leaders – we're now focused on growing early customer adoption and market visibility.



### Strong Performance on LSE Substrates

Our LSE tapes match or outperform competitors on challenging surfaces like PP, PE, and EPDM—delivering strong, durable bonds under heat and stress, as proven by internal testing.



### High Customer Centricity

We do more than deliver products – offering expert support, technical guidance, and hands-on service to ensure smooth integration.



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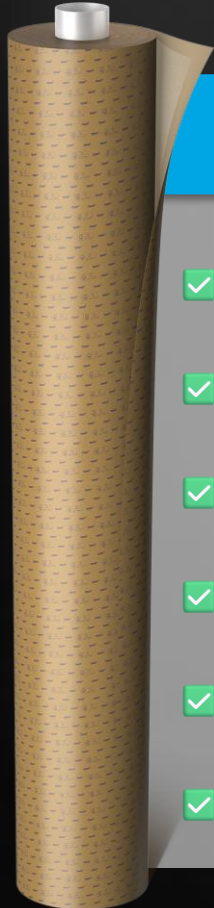
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## Our new LSE assortment: Choose the right tape for the right application.

tesa® 4950  
100µm D/S PET Tape

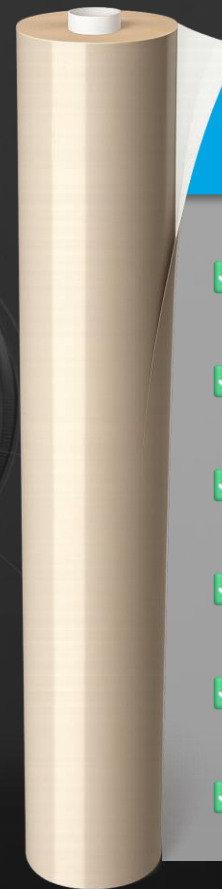


### Filmic Tape

Best for: Dimensional stability & precision

- ✓ Primerless bonding to PP, PE, EPDM, ABS, PMMA
- ✓ High shear strength
- ✓ Excellent die-cutting precision
- ✓ Transfers dimensional stability to substrates
- ✓ 90% PCR PET backing (12 µm)
- ✓ Available with glassine liner (PV20)\*

tesa® 74515  
125µm D/S Transfer Tape



### Transfer Tape

Best for: Flexible, rough, or uneven surfaces

- ✓ Thicker adhesive layer covers surface variations
- ✓ High conformability
- ✓ Maintains substrate flexibility
- ✓ Good on sandpaper, foams, powder coatings
- ✓ No backing
- ✓ Available with PET liner (PV12)\*

• White PCK liner (PV4) version is also available on demand

AI generated icons

# Catering demanding markets and LSE application requirements

## General Industries

Transportation

Building components

Trims & Furniture

## Home Appliances

Control panel mounting

Deco panel mounting

Air duct mounting

## ... and other challenging tasks

Environmental challenges

Conformable designs

Precision & high-aesthetics

✚ Tailored LSE performance

✚ High Tack

✚ High Shear

✚ Environmental resistance

✚ Thin profile

✚ Precision

✚ Conformability

✚ Dimensional stability

AI generated icons

# Technical Guide: How tesa® LSE tapes perform in challenging applications

Our Customer Solution Center conducted a comprehensive benchmarking study to compare tesa® LSE tapes against the available solutions on the market. Using detailed testing methods, we evaluated peel, shear, temperature resistance, and more.

This robust testing ensures that tesa® 4950 and 74515 are positioned to compete with the best in the market.

The full results are available in the LSE Technical Guide available as part of our launch package.

See how tesa® stacks up — and why our new LSE tapes are the right choice for high-performance bonding and converting.

**Introducing our latest tape innovations**  
Engineered for the toughest bonding challenges

**Shear adhesion failure temperature (SAFT)**  
The shear adhesion failure temperature (SAFT) is the temperature at which the adhesive bond fails under shear stress. It is a critical performance indicator for applications requiring high-temperature resistance.

**Dynamic T-block**  
The dynamic T-block test evaluates the adhesive's ability to withstand sudden, high-impact forces. It is used to assess the tape's performance in applications where vibration or shock is a concern.

**Peel adhesion performance**  
Peel adhesion performance measures the force required to remove the tape from the substrate. It is a key indicator of the tape's bond strength and durability.

**Short term temperature resistance**  
The short term temperature resistance test evaluates the tape's ability to maintain its adhesive properties over a short period at elevated temperatures.

**Static shear performance**  
The static shear performance test evaluates the tape's ability to maintain its bond strength under constant shear stress over time.

**Designed for demanding LSE applications**



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## Availability, pricing & samples

### 04 | Pricing

- The following international NARTs are available:

Product	Thickness	NART	Liner type	Dimension*	LLP**
	µm	/	/	m x mm	€/m²
d/s PET	100	04950-60029-20	Branded glassine	50 x 1,372	11.95
Transfer	125	74515-60029-12	Transparent PET	50 x 1,372	20.16

- Other lengths upon request / demand
- White PCK liner (PV4) version is also available on demand

- Logistics:** The two products are stock items with MOQ1
- Samples:** Mini logs and A4 sheets are available, ask your sales contact for further details.

### 04950-60029-20

100µm LSE double-sided PET tape

Article 4950 / 04950

Length 50.00 m Width 1372.0 mm

54.68 yds 54.0"

Color TRANSPARENT

1 pcs 4063565621314

Primerless bonding to LSE substrates

High shear strength and dimensional stability

90% PCR PET backing; 200°C short-term



93049506002920



4063565621369

Batch

**tesa SE**

Made in Germany PDC: 2506160164



### 74515-60029-12

125µm LSE transfer tape

Article 74515 / 74515

Length 50.00 m Width 1372.0 mm

54.68 yds 54.0"

Color TRANSPARENT

1 pcs 4063565621376

Primerless bonding to LSE substrates

Thick adhesive layer, no backing

Conformable, for rough surfaces; 200°C short-term



93745156002912



4063565621383

Batch

**tesa SE**

Made in Germany PDC: 2506160164



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# Market Package

- PI sheet
- TI sheet (Technical Data Sheet)
- Technical guide including benchmarking
- Certificates & statements (UL 969 & lowVOC)
- One-pager
- Social media material



### tesa® 4950

- LSE Filmic Mounting Tape

Product Information

100µm LSE double-sided transparent PET film tape

Product Description

tesa® 4950 is a high-performance, double-sided transparent PET film tape. It is designed for high-performance applications where a transparent adhesive is required. It is suitable for mounting components on PCBs and other electronic components.

Sustainable Aspects

- 100% LSE (Low Surface Energy)
- 100% LSE (Low Surface Energy)

For more information, please visit <https://www.tesa.com>



### tesa® 74515

- LSE Transfer Mounting Tape

Product Information

120µm LSE transparent transfer tape

Product Description

tesa® 74515 is a transparent, double-sided transfer tape. It is designed for high-performance applications where a transparent adhesive is required. It is suitable for mounting components on PCBs and other electronic components.

Sustainable Aspects

- 100% LSE (Low Surface Energy)
- 100% LSE (Low Surface Energy)

For more information, please visit <https://www.tesa.com>



### tesa® 4950

Technical Information

Application Examples

- Mounting components on PCBs
- Mounting components on other electronic components

Application Techniques

For more information, please visit <https://www.tesa.com>



### tesa® 74515

Technical Information

Product Description

tesa® 74515 is a transparent, double-sided transfer tape. It is designed for high-performance applications where a transparent adhesive is required. It is suitable for mounting components on PCBs and other electronic components.

Sustainable Aspects

- 100% LSE (Low Surface Energy)
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### tesa® 74515

Technical Information

Product Description

tesa® 74515 is a transparent, double-sided transfer tape. It is designed for high-performance applications where a transparent adhesive is required. It is suitable for mounting components on PCBs and other electronic components.

Sustainable Aspects

- 100% LSE (Low Surface Energy)
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For more information, please visit <https://www.tesa.com>

Designed for demanding LSE applications

Technical guide





## Whom to contact?



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# Thank you for your attention!

**Gabor Kiss**

Product and Assortment Manager

Industrial Trade and Converting Europe

Learn more about our company



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



[Sustainability report](#)

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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 mentioned 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.