

A man with short brown hair, wearing a blue polo shirt with red trim and blue suspenders, is looking towards the camera while working on a large industrial machine. The machine has various components, including orange rollers and metal frames. In the background, there are control panels with labels in German: "ANTRIEB SCHNEIDWERK AUS EIN", "KLEIMBALKEN OBEN AUS EIN", and "MAX". The man's suspenders have a small tesa logo and the word "Hamburg" on them.


# Experience the next level of tesa<sup>®</sup> 4965

After years of trust in the market  
the story continues with Team 4965




# From the trusted original to a strong team: Experience the next level of tesa® 4965

For more than 40 years, tesa® 4965 Original has set the standard for being “The Red Tape”. Although widely recognized for its red liner, the dominant characteristic is its adhesive. Based on tesa® 4965’s unique adhesive and patented technology, its performance is demonstrated through outstanding qualities such as versatility, durability, and safety. This makes tesa® 4965 a reliable choice for a variety of surfaces, even tricky ones that usually require specialty tapes or complicated processes. Now it is time to take the next step towards a more sustainable future. With the innovative biomass balance approach and 90% PCR PET in the backing, we reduce the carbon emissions by 40%\*. We present to you the new tesa® 4965 Original Next Gen. Like tesa® 4965 Original, the whole assortment has the same proven performance.



**This icon identifies our more sustainable products on the following pages**  
Scan this code or click to learn more!



\* Product Carbon Footprint (PCF) reduction for the new tesa® 4965 Next Gen (PV0: red MOPP liner) compared to the current tesa® 4965 Original, calculated for 50m x 50mm handroll using Cradle-to-Gate values including biogenic GHG emissions and removals. Individual PCF values for the other liner types (PV1, PV2, PV4) and further information can be found in our ISO 14067-compliant comparative PCF study on [tesa.com/4965-report](https://tesa.com/4965-report)



### tesa® 6965 - Team 4965 Fingerlift

- Extended liner
- Easy liner removal
- 90% PCR PET content in the backing
- Biomass balanced tackified acrylic adhesive

### tesa® 59650 - Team 4965 Thin

- Reduced adhesive coating weight
- For small parts, lightweight parts, or smooth surfaces

### tesa® 755xx - Team 4965 Transfer

- Highly flexible and conformable
- Good die-cutting properties

### tesa® 49652 - Team 4965 High Transparency



- Improved transparency/optical properties
- For visually demanding applications
- 90% PCR PET content in the backing
- Biomass balanced tackified acrylic adhesive

### tesa® 59651 - Team 4965 Thick

- Increased adhesive coating weight
- Additional bonding safety

### tesa® 59652 - Team 4965 Black

- Non-transparent, black PET backing
- For blocking/ managing light



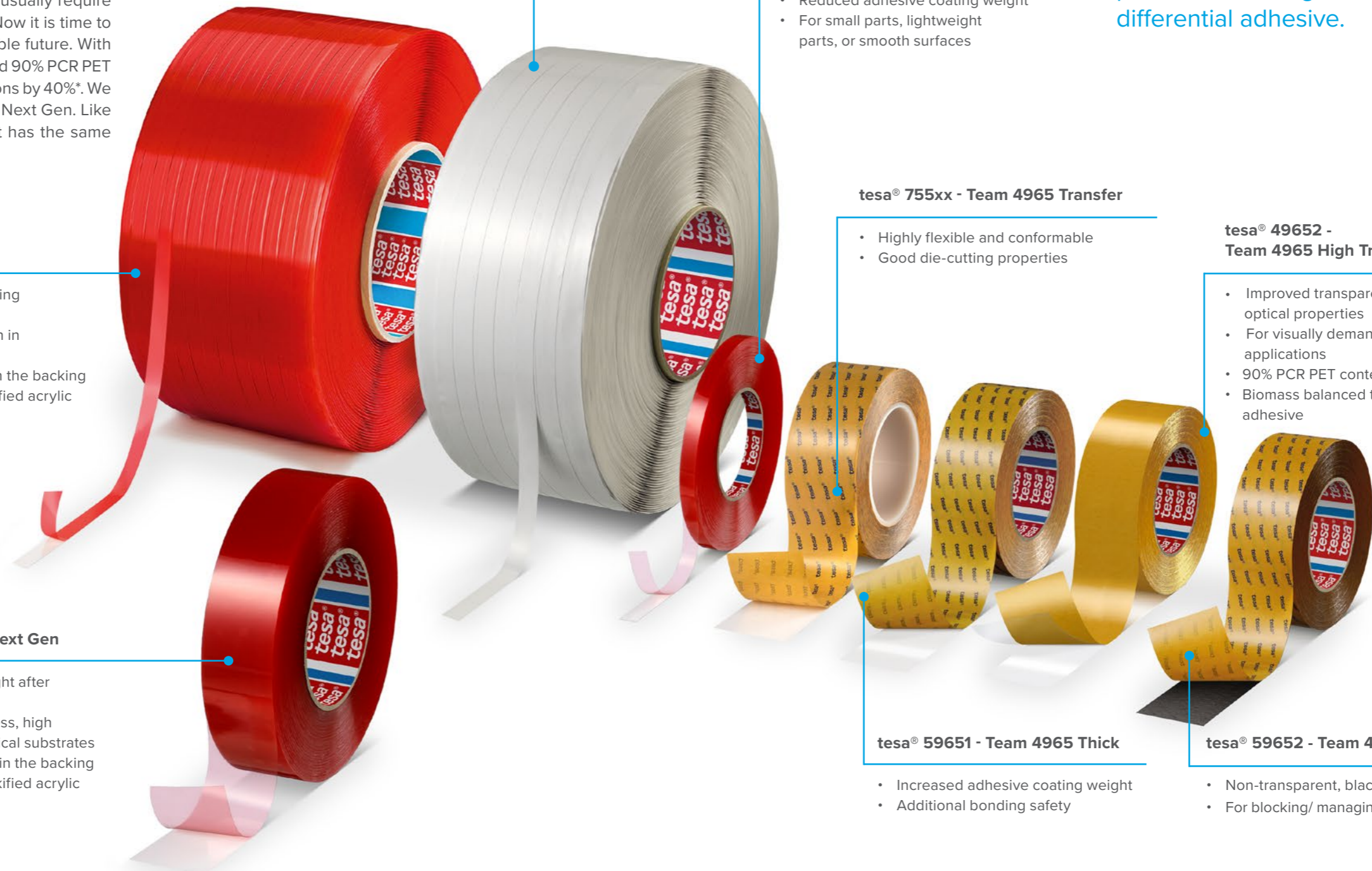
### tesa® 51865 - Team 4965 Differential

- Reduced adhesive coating weight on open side
- Optimized for lamination in extrusion processes
- 90% PCR PET content in the backing
- Biomass balanced tackified acrylic adhesive



### tesa® 4965 Original Next Gen

- Immediate usability right after assembly
- Suitable for heavy stress, high temperatures, and critical substrates
- 90% PCR PET content in the backing
- Biomass balanced tackified acrylic adhesive





# Original Next Gen

## The legendary tape full of opportunities: tesa® 4965 Original Next Gen

In today's world, it's crucial to carefully consider our actions for the environment and future generations. Choosing more sustainable solutions is essential for a better future. Adhesive tapes might not be your first thought for sustainability, but they should be.

For this reason, we have made modifications to our well-known and proven tesa® 4965 Original and introduced our **tesa® 4965 Original Next Gen** to the market, now as a more sustainable version. It is just as robust and ensures a secure grip throughout the product's lifespan.

- Features:**
- Immediate usability right after assembly
  - Suitable for heavy stress, high temperatures, and critical substrates
  - Resistant to demanding environmental conditions
  - 90% PCR PET content in the backing
  - Biomass balanced tackified acrylic adhesive

**What is the biomass balance approach?**  
The biomass balance approach is an accounting principle to measure and track inputs and outputs of bio-based materials through complex value chains.

**The biomass balance approach offers multiple advantages:**

- Reduction of fossil feedstock inputs and potentially greenhouse gas emissions, while the quality and properties of a product remain the same
- Reduction of fossil feedstock inputs
- No need to adapt formulations, production sites or production processes

[Click to learn more](#)



- Technical data**
- Total thickness: 205 µm
  - Color: transparent
  - 4965 biomass balanced adhesive
  - Backing material: PET film

## Always aboard

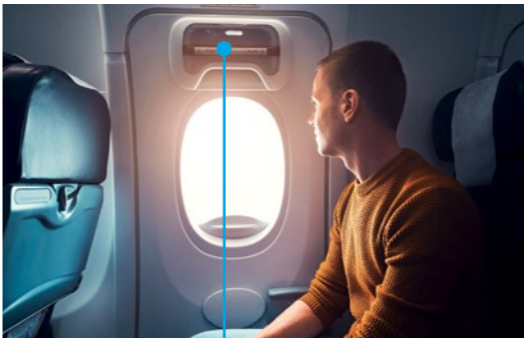
### The importance of tesa® 4965 Original Next Gen for the aerospace industry.

When sitting aboard an airplane, you probably would not consider **tesa® 4965 Original Next Gen** regularly flying with you, but the use of this product proves itself in many aircraft applications.

Solution Centers, our dedicated experts conduct tests and analyses to determine how **tesa® 4965 Original Next Gen** performs in critical conditions. Among others, we test the heat release, smoke generation, and lateral flame spread.

To ensure its endurance, we perform in-depth customer testing by analyzing aerospace materials and environmental conditions in combination with our product. At our Customer

### Professional labeling: easy and permanent



- Safely adheres labels and signage to the interior of the plane
- Suitable for long-term use on critical surfaces
- Resistant against unwanted removal



### A reliable bond for interior lighting and electrical insulation

- LED mounting to the ceiling, floor, and sidewalls
- Resistant against regular stresses such as walking passengers, spilled liquids, and dropped luggage



# Differential

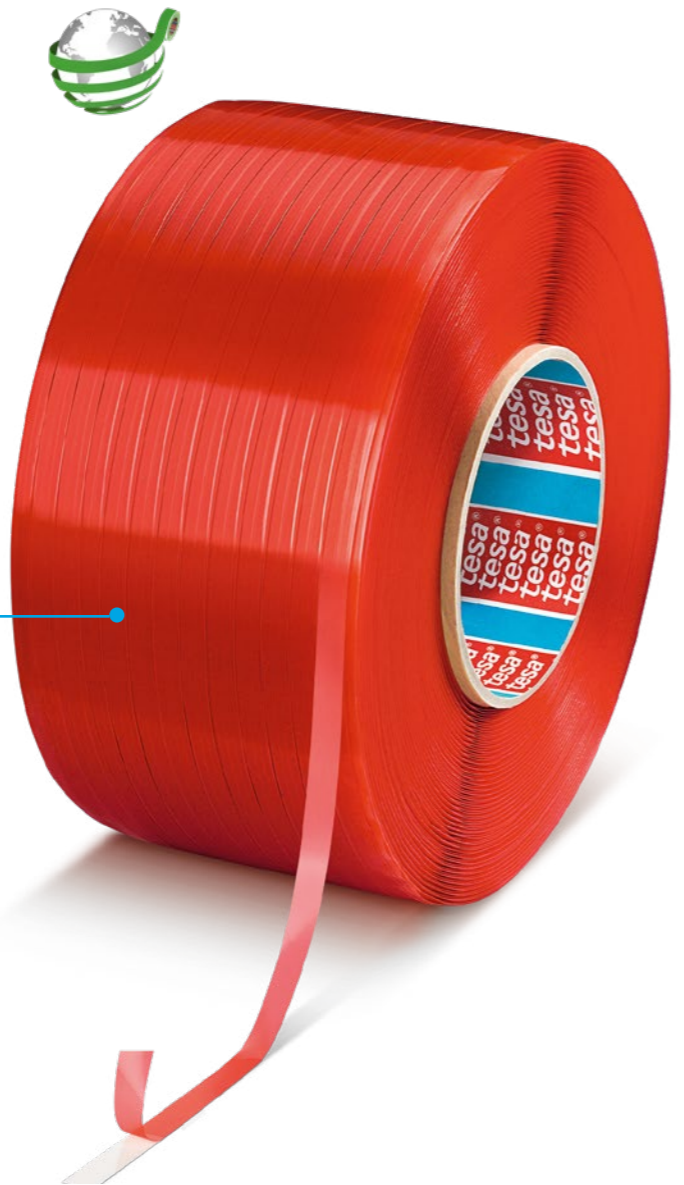
Your partner for maximum extrusion efficiency:  
**tesa® 51865 - Team 4965 Differential**

**tesa® 51865 - Team 4965 Differential** combines production efficiency at extruders and application convenience at the point of sale (POS), supporting you in optimizing processes and products.

- Features:**
- Reduced adhesive coating weight on open side
  - Optimized for lamination in extrusion processes
  - 90% PCR PET in the backing
  - Biomass balanced tackified acrylic adhesive

**Technical data**

- Total thickness: 165 µm
- Color: transparent
- Adhesive: 4965 biomass balanced adhesive
- Backing material: 90% PCR PET film



## Different thicknesses, limitless possibilities

The expert tape for POS, retail, and displays:  
**tesa® 51865 - Team 4965 Differential.**

Suited for long-term use in trim and profile applications, **tesa® 51865 - Team 4965 Differential** is used on a wide range of hard-to-bond surfaces such as plastic materials.

It can be mounted on different shelf surfaces and is able to withstand stresses from price tags and goods that are frequently exchanged.

Our double-sided **tesa® 51865 - Team 4965 Differential** film tape provides two different adhesive thicknesses: One side for flat, smooth trims and profiles and the other side for more rough and uneven surfaces.

The product is available in long-length spools. This allows the tape to be used during the profile extrusion process – the tape can be applied directly onto the profile during manufacturing. Long-length spools create immediate process improvements for the extruding company by reducing the changeover time and material waste.

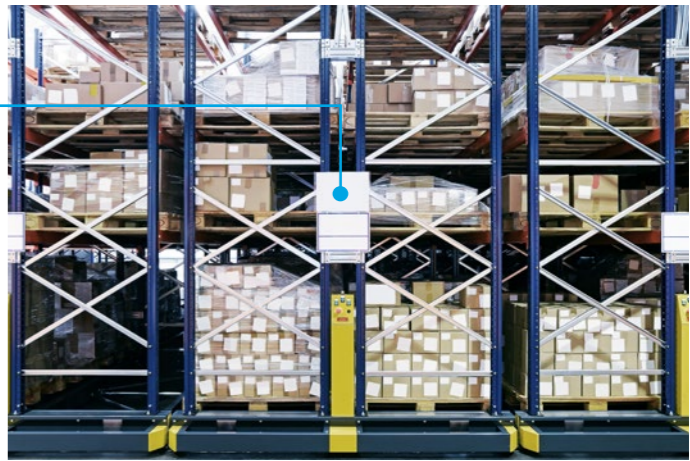


**Price labeling? No problem!**

- Bonding of price label strips
- Offers reliable usability right after assembly
- Resistant to wear and tear caused by consumers and staff
- Certified for indirect food contact

**The first option for magnetic signs**

- Fastening of magnetic signs for removable shelf labeling
- Permanent bond to magnetic strips
- Unaffected by regular removal





# High transparency

Discover excellent optical appearance:  
**tesa® 49652 - Team 4965 High Transparency**

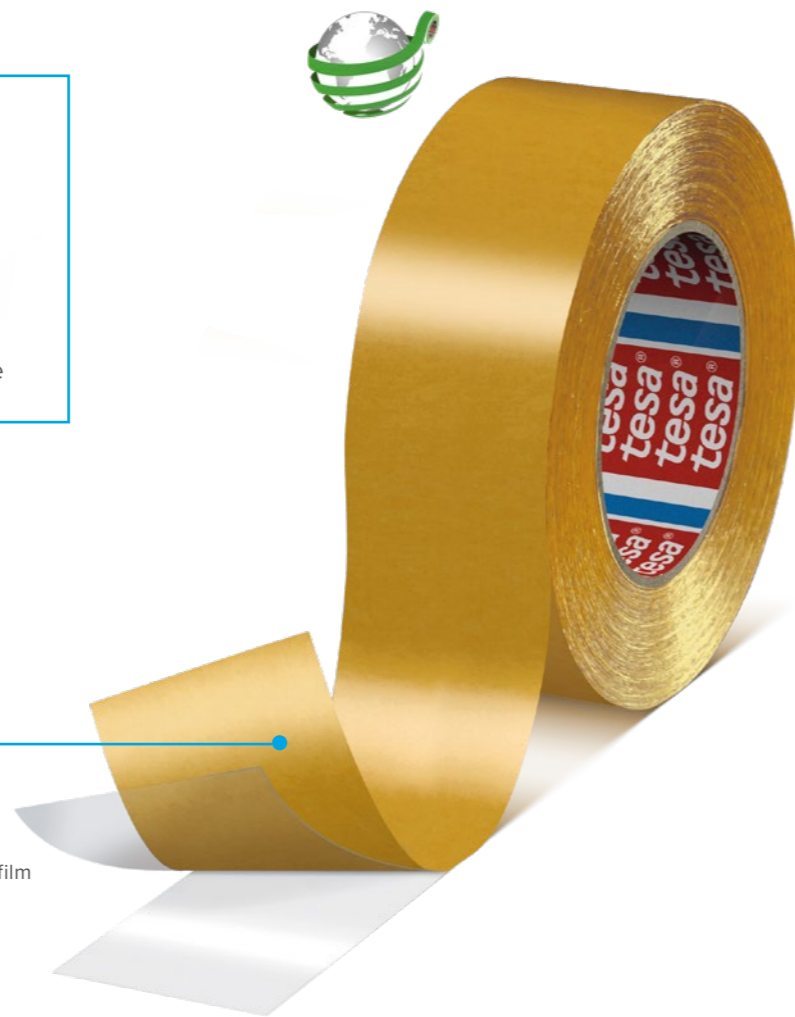
With its secure sealing performance and improved transparency, **tesa® 49652 - Team 4965 High Transparency** guarantees a crystal-clear appearance when bonded. This is perfect for visually demanding applications.

#### Features:

- Withstands chemical components
- Can be easily converted based on application requirements
- Double liner to improve transparency/optical properties
- 90% PCR PET in the backing
- Biomass balanced tackified acrylic adhesive

#### Technical data

- Total thickness: 205 µm
- Color: transparent
- Adhesive: 4965 biomass balanced adhesive
- Backing material: 90% PCR PET film



## The clear choice for the lab

How **tesa® 49652 - Team 4965 High Transparency** contributes to science and health markets.

**tesa® 49652 - Team 4965 High Transparency** provides the same reliable performance as **tesa® 4965 Original Next Gen**, but with the enhanced feature of being more optically clear when bonded between transparent materials.

The improved optical performance of this tape makes it ideal for applications where both sealing and visual analysis are needed.



### Supporting safety and security in the healthcare industry

- Personal protection and medical equipment manufacturing
- Safe sealing properties even on small contact areas
- Excellent for visual inspection and lab analytics

### Looks good: tesa® 49652 - Team 4965 High Transparency for blood plasma cards

- Lamination of different card layers
- Stringent and reliable product tolerances
- Reliable bonding performance

#### Other applications include:

- Microfluidic chip bonding
- Microplate sealing
- Glass to glass bonding



# Fingerlift

The convenient tape for easy and secure application:  
**tesa® 6965 - Team 4965 Fingerlift**

The **tesa® 6965 - Team 4965 Fingerlift** offers end users great convenience with its extended liner and easy removability. When using this adhesive tape, you can rely on secure delivery without boxes accidentally opening!



**Features:**

- Easy liner removal
- Can be applied in-line during corrugator and extrusion production
- 90% PCR PET in the backing
- Biomass balanced tackified acrylic adhesive

**Technical data**

- Total thickness: 205 µm
- Color: transparent
- Adhesive: 4965 biomass balanced adhesive
- Backing material: 90% PCR PET film

## Convenience and great quality in one

Why **tesa® 6965 - Team 4965 Fingerlift** is the perfect tool for corrugator board producers, end users, and logistics companies.

While **tesa® 6965 - Team 4965 Fingerlift** offers the same bonding performance as **tesa® 4965 Original Next Gen**, its additional extended liner feature enables easier handling, easier liner removal and also reduces the risk of adhesive oozing.

In both extrusion and corrugated board industries materials are often warm from machine speeds and processing. When equipped with tape and stacked upon each other

there is a risk of adhesive oozing. **tesa® 6965 - Team 4965 Fingerlift** protects these materials from sticking to one another.

The product is available in long-length spools, which allows it to be efficiently used during cardboard production or extrusion processes. The spool creates immediate process improvements by reducing the changeover time, which equates to lower production costs.



### Securely close boxes

- Secure bond to eliminate undesired opening
- Aesthetic appearance
- Convenient liner removal
- High initial tack





# Transfer

Conformable for every type of lamination and mounting:  
**tesa® 755xx - Team 4965 Transfer**

Removing the backing from the traditional design provides enhanced conformability. **tesa® 755xx - Team 4965 Transfer** is ideal for laminating a range of textiles, fabrics, foams, and plastic films.

- Features:**
- Highly flexible and conformable
  - Good die-cutting properties
- Liner variants:**
- PV12: transparent PET liner (75µm; 105g/m<sup>2</sup>)
  - PV20: branded brown paper liner (70µm; 80g/m<sup>2</sup>)
  - PV21: white glassine paper liner (78µm; 90g/m<sup>2</sup>)



- Technical data**
- Total thickness: 50, 75, 125 µm
  - Color: transparent
  - Adhesive: 4965 adhesive
  - Backing material: none

## Innovative possibilities

**tesa® 755xx - Team 4965 Transfer** fulfills all requirements for effortless lamination and mounting of textiles, fabrics, and films.

**tesa® 755xx - Team 4965 Transfer** supports single-layer or multi-layer laminates. The flexibility and conformability of **tesa® 755xx - Team 4965 Transfer** allows laminators to reap the benefits of combining different functional layers into their

design. This combination of components has the potential to create entirely new multi-layer products with very specific design functionality.



### Enabling completely new product designs

- Fabric and textile lamination
- Prefixation in textile fabrication
- Lightweight mounting
- Lightweight splicing

### Conformability for every type of lamination



# Thick

A tape you can absolutely rely on:  
**tesa® 59651 - Team 4965 Thick** for maximum bonding safety

With its increased adhesive coating weight, **tesa® 59651 - Team 4965 Thick** is one of the thickest PET tapes.

- Features:**
- Increased adhesive thickness compared to **tesa® 4965 Original Next Gen**
  - Improved adhesion on rough surfaces
  - Better application safety, i.e. more robust bonding opportunities



- Technical data**
- Total thickness: 300 µm
  - Color: transparent
  - Adhesive: 4965 adhesive
  - Backing material: PET film

## The perfect bond for rough surfaces

**tesa® 59651 - Team 4965 Thick** meets all requirements for demanding bonding applications, for example on rough surfaces.



### Withstands direct impact and bumping

- Mounting of bumper rails
- Compensates small tolerances on rough surfaces
- Resistant against cleaning chemicals

### For building elements and interior fit-out

- Bonding door elements
- Resistant against shocks from door slamming
- Withstands freezing as well as high temperatures
- Compensates for small tolerances, which are inevitable in the building industry





# Thin

Your specialist for small, lightweight parts and smooth surfaces: **tesa® 59650 - Team 4965 Thin**

With its reduced adhesive coating weight, **tesa® 59650 - Team 4965 Thin** is perfect for adhering to smaller objects and permanently bonding smooth surfaces.

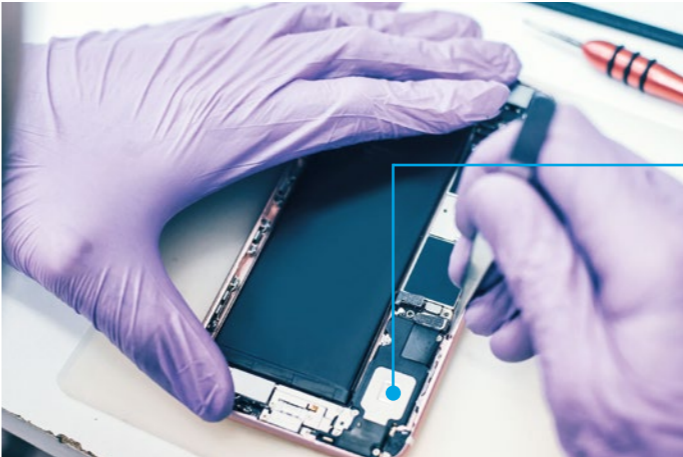
- Features:**
- Reduced adhesive thickness compared to **tesa® 4965 Original Next Gen**
  - Optimized for small or lightweight parts

- Technical data**
- Total thickness: 160 µm
  - Color: transparent
  - Adhesive: 4965 adhesive
  - Backing material: PET film



## Good to use in small devices

Why **tesa® 59650 - Team 4965 Thin** is the expert tape for electronic devices.



The most important number in your electronic device: **tesa® 59650 - Team 4965 Thin**

- Bonding components within electronic devices
- Compensates small design gaps
- High bonding strength despite thin tape design

### Strong heat resistance

- High holding power at elevated temperatures
- Good converting properties
- Reliability over the lifetime of the product



# Black

Your tape solution for light management:  
**tesa® 59652 - Team 4965 Black**

With its opaque black backing, **tesa® 59652 - Team 4965 Black** helps to avoid undesired light exposure.

- Features:**
- Light-blocking properties
  - Perfect for automatic pick-and-place processes



**Technical data**

- Total thickness: 205 µm
- Color: black
- Adhesive: 4965 adhesive
- Backing material: PET film

## The highlight for light management

How **tesa® 59652 - Team 4965 Black** contributes to light management in interior designs.



**tesa® 59652 - Team 4965 Black** compensates design tolerances by absorbing light in unwanted areas.

### For light installations integrated into interior design

- Bonding of LED strips
- Permanent bond
- Humidity resistant
- Significantly reduces light scatter





# Team 4965 tape design

## tesa® 4965 Original Next Gen

100 µm (Adhesive Thickness)
100 µm (Adhesive Thickness)
(Liner)



### + optical properties

tesa® 49652 -  
Team 4965 High Transparency



100 µm
100 µm

### + bonding safety

tesa® 59651 -  
Team 4965 Thick



150 µm
150 µm

### + performance on smooth surfaces

tesa® 59650 -  
Team 4965 Thin



77 µm
77 µm

### + convenient product use

tesa® 6965 -  
Team 4965 Fingerlift



100 µm
100 µm

### + extrusion efficiency

tesa® 51865 -  
Team 4965 Differential



60 µm
100 µm

### + light management

tesa® 59652 -  
Team 4965 Black



100 µm
100 µm

### + high flexibility

tesa® 75505 -  
Team 4965 Transfer 50 µm



50 µm
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### + high flexibility

tesa® 75507 -  
Team 4965 Transfer 75 µm



75 µm
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### + high flexibility

tesa® 75515 -  
Team 4965 Transfer 125 µm



125 µm
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# Proven products

Product Name	Team	Thickness [µm]	Adhesive	Backing	Color	Peel Adhesion (Steel) [N/cm]	Temperature Resistance (Long/Short) [°C]	Special Features	Liner Options	
 tesa® 4965	tesa® 4965	<b>Original Next Gen</b>	205	tesa® 4965 biomass balanced tackified acrylic adhesive	90% PCR PET film	Transparent	11.5	100/200	<ul style="list-style-type: none"> <li>Reliable bond even on hard-to-stick surfaces</li> <li>Immediate usability right after assembly</li> <li>Suitability for critical demands such as heavy stress and high temperatures</li> </ul>	PV 0: 80 µm red MOPP PV 1: 69 µm brown glassine paper PV 2: 78 µm brown glassine paper PV 4: 104 µm branded white PE coated paper
 tesa® 51865	tesa® 51865 - Team 4965	<b>Differential</b>	165	tesa® 4965 biomass balanced tackified acrylic adhesive	90% PCR PET film	Transparent	9.6 / 13.3	100/200	<ul style="list-style-type: none"> <li>Reduced coating weight on open-side adhesive for smooth surfaces</li> <li>Increased coating weight on closed-side adhesive for versatile and demanding surfaces</li> </ul>	PV 2: 78 µm brown glassine paper PV 6: 80 µm red MOPP
 tesa® 49652	tesa® 49652 - Team 4965	<b>High Transparency</b>	205	tesa® 4965 biomass balanced tackified acrylic adhesive	90% PCR PET film	Transparent	11.5	100/200	<ul style="list-style-type: none"> <li>Double liner for increased transparency</li> <li>Optical appearance when bonded between two surfaces</li> </ul>	PV 37: 36 µm PET and 69 µm brown glassine paper
 tesa® 6965	tesa® 6965 - Team 4965	<b>Fingerlift</b>	205	tesa® 4965 biomass balanced tackified acrylic adhesive	90% PCR PET film	Transparent	11.5	100/200	<ul style="list-style-type: none"> <li>Extended liner for easy liner removal</li> <li>Extended liner to minimize adhesive oozing on stacked materials</li> <li>Good adhesion and high shear resistance</li> </ul>	PV 0: 80 µm red MOPP PV 8: 80 µm white MOPP friction liner
 tesa® 59651	tesa® 59651 - Team 4965	<b>Thick</b>	300	tesa® 4965 tackified acrylic adhesive	PET film	Transparent	13.8	100/200	<ul style="list-style-type: none"> <li>Increased coating weight for demanding environmental conditions</li> <li>Withstands impact and abrasion</li> </ul>	PV 20: 69 µm branded brown glassine paper
 tesa® 59650	tesa® 59650 - Team 4965	<b>Thin</b>	160	tesa® 4965 tackified acrylic adhesive	PET film	Transparent	11.3	100/200	<ul style="list-style-type: none"> <li>Reduced coating weight for small, compact areas</li> <li>Good converting properties</li> </ul>	PV 6: 80 µm red MOPP
 tesa® 59652	tesa® 59652 - Team 4965	<b>Black</b>	205	tesa® 4965 tackified acrylic adhesive	PET film	Black	11.5	100/200	<ul style="list-style-type: none"> <li>Black color to optimize automatic pick-and-place processes</li> <li>Light blocking properties</li> <li>Reduces light scatter</li> </ul>	PV 20: 69 µm branded brown glassine paper
 tesa® 75505	tesa® 75505 - Team 4965	<b>Transfer 50 µm</b>	50	tesa® 4965 tackified acrylic adhesive	None	Transparent	8.0	100/200	<ul style="list-style-type: none"> <li>Good die-cutting properties</li> <li>Very good temperature and humidity resistance</li> <li>Very good initial adhesion to a wide variety of substrates</li> <li>Low VOC according to tesa classification</li> </ul>	PV 12: 75 µm transparent PET PV 20: 69 µm branded brown glassine paper PV 21: 78µm non branded white glassine paper
 tesa® 75507	tesa® 75507 - Team 4965	<b>Transfer 75 µm</b>	75	tesa® 4965 tackified acrylic adhesive	None	Transparent	11.0	100/200	<ul style="list-style-type: none"> <li>Very good temperature and humidity resistance</li> <li>Good die-cutting properties</li> <li>Very good initial adhesion to a wide variety of substrates</li> <li>Excellent conformability due to transfer tape design</li> <li>Low VOC according to tesa classification</li> </ul>	PV 0: 69 µm brown glassine paper PV 12: 75 µm transparent PET PV 20: 69 µm branded brown glassine paper PV 21: 78µm non branded white glassine paper
 tesa® 75515	tesa® 75515 - Team 4965	<b>Transfer 125 µm</b>	125	tesa® 4965 tackified acrylic adhesive	None	Transparent	14.0	100/200	<ul style="list-style-type: none"> <li>Good die-cutting properties</li> <li>Very good temperature and humidity resistance</li> <li>Excellent conformability due to transfer tape design</li> <li>Low VOC according to tesa classification</li> </ul>	PV 12: 75 µm transparent PET PV 20: 69 µm branded brown glassine paper





## Certifications

Our company is focused on international quality, environmental, and occupational safety standards.

Please find more information regarding our certifications at:  
[www.tesa.com/certifications](http://www.tesa.com/certifications)

tesa SE  
Phone: +49 40 88899 0  
[tesa.com/company/locations](http://tesa.com/company/locations)

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