tesa® 74515

Product Information



Product Description

tesa® 74515 is a transparent, 125µm (4.9 mils) double-sided transfer tape developed for high-performance bonding on low surface energy (LSE) substrates such as PP, PE, and EPDM. It features a tackified acrylic adhesive that delivers excellent initial tack, strong shear strength, and reliable adhesion without the need for primers. The thick, conformable adhesive layer—without a carrier backing—adapts well to slightly rough or flexible surfaces, ensuring consistent wet-out and stress distribution. tesa® 74515 performs reliably under demanding environmental conditions, including humidity and short-term exposure to temperatures up to 200°C (392°F), making it ideal for industrial and precision mounting applications where clean aesthetics and long-term durability are essential.

Product Features

- LSE Adhesion: Primerless bonding to plastics and coated surfaces.
- Thin & Strong: High bonding power at just 125µm (4.9 mils) thickness.
- Gap-Filling: Thick adhesive adapts to surface irregularities.
- Conformable: Ideal for flexible or textured surfaces.
- Versatile: Bonds well to LSE and common materials.
- Heat Resistant: Withstands short-term exposure up to 200°C (392°F).
- Low VOC: Tested to VDA 278 for cleaner indoor air.
- UL Certification: In accordance with UL standard 969. UL file: MH 18055

Application Fields

- Versatile bonding solution for a wide range of demanding industrial applications.
- Enables reliable, primerless adhesion to low surface energy (LSE) substrates such as PP, PE, and EPDM.
- Ideal for long-term mounting on hard-to-bond materials like gaskets, molded components, and textured plastics.
- Suitable for industrial bonding of foams, films, and flexible materials
- Perfect for design applications requiring invisible bonding and clean, seamless aesthetics.

Technical Information (average values)

The values in this section should be considered representative or typical only and should not be used for specification purposes.

Properties/Performance Values

Ageing resistance (UV)	good
Chemical Resistance	good
Humidity resistance	very good
Softener resistance	very good
Static shear resistance at 23°C	very good
Static shear resistance at 40°C	good
Tack	very good
Temperature resistance long term	100 °C 212 °F
Temperature resistance min.	-40 °C -40 °F
Temperature resistance short term	200 °C 392 °F

For latest information on this product please visit http://l.tesa.com/?ip=74515

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Adhesion to Values

- PC (initial) 10 N/cm 91.4 oz/in
- PE (initial) 5.5 N/cm 50.2 oz/in
- PP (initial) 10 N/cm 91.4 oz/in
- Steel (initial) 9 N/cm 82.2 oz/in

Additional Information

Liner variants:

- PV04: white PE-coated liner (126µm; 126 g/m^2)
- PV12: transparent PET liner (75µm; 105g/m^2)

Dimensional stable PV12 PET and PV4 PE coated paper liner best suitable for applications, shipping and storage with exposure to high humidity conditions.

Low VOC – measured according to VDA 278 analysis, tesa® 74515 does not contain any single substances restricted by the drafted GB regulations (China).

Disclaimer

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.

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