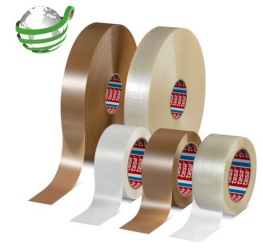




tesa® 60418

Product Information



Thin recycled PET packaging tape with synthetic rubber adhesive

Product Description

tesa® 60418 is a more sustainable carton sealing tape for light and medium weight cartons with a total recycled content of 60%.

tesa® 60418 is composed of a tacky synthetic rubber hotmelt adhesive and a very thin polyester backing, which is made up of 85% recycled post-consumer waste. Due to the superior backing material properties tesa® 60418 is both thin and conformable – yet tear-resistant. It features a low unwinding force and a very good immediate closing performance making it ideal for automated process.

tesa 60418 is an excellent choice for high volume packaging applications, where both efficiency and sustainability are crucial factors.

Sustainable Aspects

- 60% total recycled content
- Solvent free production



Product Features

- For cartons up to 30 kg
- Tear resistant backing yet thin and conformable
- Ideal for automated packaging processes
- Easy unwinding
- Less roll changes due to higher roll length

Application Fields

- Carton sealing for light and medium cartons
- Manual and automated application with long machine rolls

Technical Information (average values)

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

For latest information on this product please visit <http://l.tesa.com/?ip=60418>



tesa® 60418

Product Information

Product Construction

- | | | | |
|--------------------|------|-------------------|-------|
| • PET | 85 % | • Total thickness | 36 µm |
| • synthetic rubber | None | | |

Product Assortment

- | | |
|--------------------|------------------------------|
| • Available colors | white, transparent,
brown |
|--------------------|------------------------------|

Properties/Performance Values

- | | | | |
|-------------------------|---------|--------------------|-------------|
| • Elongation at break | 120 % | • Packaging Weight | Up to 30 kg |
| • Tensile strength | 38 N/cm | • Silent unwinding | no |
| • Automatic application | yes | • Solvent free | yes |
| • Hand tearability | no | | |

Adhesion to Values

- | | |
|---------|--------|
| • Steel | 6 N/cm |
|---------|--------|

Additional Information

Tape application is best accomplished at room temperature. Once applied tesa® 60418 performs well throughout the normal temperature range in typical shipping and storage conditions.

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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Assessment on Recyclability of Single side adhesive tape tesa® 60418 Transparent Certificate

Customer: TESA SE, Hugo-Kirchberg-Str. 1, 22848 Norderstedt, Germany

Date of Testing: 2023-12-20

Order number: PMV-23-313

Task

The recyclability of adhesive tape was tested according to the INGEDE method 12 (screenability of adhesive applications).

Testmaterial

The customer delivered an adhesive tape. 100 cm² of the adhesive tape have been combined with a reference copy paper. This sample has been treated according to INGEDE 12

Product type: pressure sensitive adhesive tape, 43.7 g/m²

Product label: tesa® 60418 Transparent

Results

All results of the recyclability trials were documented in the INGEDE data sheet. Calculations and scoring was carried out according to ERPC (European Recovered Paper Council), 15th of March 2018. The obtained results were:

RS _S (stickies < 2000 µm):	20 (best possible value: 20)
RS _A (area after screening):	80 (best possible value: 80)
Total scoring:	100 (best possible value: 100)

Therefore, the removability of the tested adhesive application is evaluated by PMV as:

„good“

Darmstadt, 21st of December 2023

FACHGEBIET PAPIERFABRIKATION UND
MECHANISCHE VERFAHRENTÉCHNIK
Technische Universität Darmstadt
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Dr.-Ing. Heinz-Joachim Schaffrath

STATEMENT

Recycled content in tesa® 60418

The polyester film as used for tesa® 60418 consists of 85% post consumer recycled (PCR) Polyester. The total recycled content of the adhesive tape is 60%.

This statement is valid until 28 June 2026.



Norderstedt, 25 October 2023

Andreas Stein

International Product Manager
Packaging Solutions
Business Unit Industrial Trade and Converting

tesa SE

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