



As of December 2023

General Storage and Handling Instructions for Our Printed Packaging Tapes

Dear Sir or Madam,

Due to their nature and composition, our products generally have a limited shelf life or storage life of 6 months when unprocessed. If the inventory includes multiple packages, they must be processed in the order in which they were received.

The product should be stored and used at room temperature (approx. 64°F–80°F) and approximately 50% relative humidity in its unopened original packaging. Once the package has been opened, the rolls should continue to be stored in the carton and protected from contamination. Dirt adhering to the cut edges can cause tearing and should therefore be avoided.

Please note the following points when processing self-adhesive packaging tapes:

- When opening cardboard boxes with a utility knife, take special care, as the surface of the packing tape can be damaged, causing it to tear.
 - To seal the cardboard boxes with packing tape, use a hand dispenser. Apply light pressure to the tape and press down the edges again with the dispenser's scraper or by hand. Avoid stretching the tape too much when applying it.
 - As a general rule, the sides and corners—and especially the front and back of the package where it will be opened—should be securely taped. This is intended to prevent the package from opening on its own.
 - In addition, springback forces should be avoided through a form-fit. Springback forces in cardboard boxes occur, for example, when the box is overfilled or when the sides of the box overlap.
 - The cardboard to be taped should be free of contaminants.
 - Avoid using cardboard of varying quality to ensure consistent durability of the tape seal. Cardboard with a high recycled content and cardboard with coatings tend to yield poor adhesion results.
 - Exposure to UV light and weather conditions should be avoided after sealing, as the tape's properties may change and the durability of the box seal cannot be guaranteed.
 - Store the cartons in dry rooms before use and after sealing.
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- Cardboard boxes sealed with tape should not be placed within the range of air circulation fans.



- The weight of the package is also crucial when sealing it: The heavier your package, the more durable the seal must be. This means you should use more tape for heavy packages.
 - For packages up to 12 kg: Cover the bottom and top of your package with at least one long strip of tape.
 - If the weight exceeds 12 kg: Secure the box with an additional double-L seal (or a cross seal). To do this, apply the tape in the shape of a double “L” across the four shorter edges of your package.
 - For weights of 25 kg or more, we recommend: Secure the bottom and lid slits with a double-T seal by covering half of the vertical edges with tape as well.
- In general, food packaging can be sealed with packaging tape if it consists of solid film or cardboard (e.g., bags with air holes, such as those used for apples or potatoes, are not suitable). Direct contact between the tape and food is not recommended, as migration of the adhesive or any solvents cannot be ruled out.

We hope this has been helpful and remain available to answer any questions you may

have. Best regards

Quality Management, Röckelein GmbH,
Denise Förster