

Information about our products

General information

These labels are tailored to your specific requirements and prepared for a reliable application.

For trouble-free-use in daily practice, however, these products require compliance with certain conditions. We have compiled the following information:

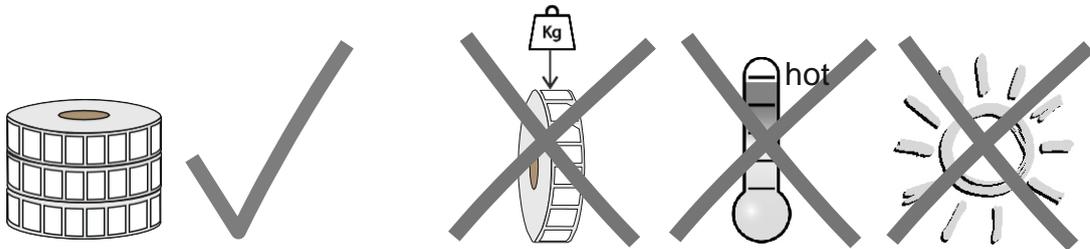
- Do not kink or bend RFID labels / tags
- Avoid strong pressure around the chip
- Protect from external influences such as electrical discharges, microwaves, or gamma rays

Secure adhesion to the substrate

- The surface to be adhered on must be dry and free of dirt, oil residues and release agents. Loose surface particles or oxidation layers reduce the durability.
- As cleaning agents are recommended: Non-fat solvents such as heptane, Isopropyl alcohol or alcohol. In case of any incompatibility of the cleaning agent with the adhesive surface, a correspondingly different cleaning agent should be used.
- Firm pressure promotes contact of the adhesive with the surface to be bonded. For optimal adhesion, the product should be applied with a squeegee made of felt or plastic or a rubber roller under strong contact pressure without trapped air. It is important to ensure that the chip is not exposed to unnecessary stress.
- The application temperature and the dependent flow behavior influence the time to reach the final bond strength.
- The final bond strength is reached after about 72 hours. A further increase in bond strength over time is possible. The bonding should not take place at temperatures below 10 ° C

Storage and Transport

- Protect from sunlight. Direct UV radiation affects the function of the IC. Theoretically, it can lead to data loss as well.
- Protect from heat. Do not store near heaters. Optimum storage conditions are temperatures of 23 +/- 2 ° C and 50 +/- 5% relative humidity.
- Please leave the label reels in their original packaging until processing.
- Store the label reels flat and stacked on top of each other.
- Avoid external pressure.
- For next shipping the reels should be packed in special boxes or with enough cushioning material.



Automatic dispensing lines

- An acute angle of the dispensing edge improves the application process.
- Labels should be pressed after application to ensure the adhesive bond.
- No subsequent tightening of the label reels. Either manually or within the labeling and dispensing system.

Using in thermal transfer printer

- When changing rolls, regularly clean the inside of the printer.
- Do not touch the surfaces of the labels. It is best to touch only at the beginning of the roll, if necessary use gloves.

Special features of adhesives with a high flowability

- For prolonged interruption of the processing, the material should be stored in coolers (<18 ° C).
- Wrap guide rollers, if used, with silicone paper to avoid deposition of adhesive particles. Never use silicone spray!

**We are happy to advise you regarding your individual requirements at Tel 02751 / 9242-0.
Or send us an e-mail to: info@identitytag.de**