

RFID Tickets Storage Recommendation

- For quality reasons RFID contactless tickets should be stored originally packed;
 - Material should be used within 12 months;
 - Storage and using conditions 23 +/- 5° C and 50 +/- 10% relative humidity are recommended;
 - Image discoloration may also occur with prolonged exposure to strong artificial light, direct sunlight;
 - Any contact with aggressive chemicals should be avoided;
- Following is a list of specific materials/chemicals to avoid:

Organic solvents, including:

- a. Alcohol (short chain)
- b. Ketones (short chain)
- c. Esters (short chain)
- d. Ethers (short chain)

Cleaning fluids (from above list)

Plasticizers:

- a. Alcohol-type (cellophane tape)
- b. Ester-type (PVC film)
- c. Polyethylene glycol-type
- d. Dioctyl phthalate
- e. Dioctyl adipate

Petroleum solvents:

- a. Gasoline
- b. Toluene
- c. Benzene

Wet-type diazo copy paper

Carbon papers (certain types)

Cast-coated papers

Papers containing tributyl phosphate

Dissimilar thermal systems

Carbonless paper solvents

Ammonia

Certain oils

Water

- Ticket boxes have to be stored flat and overlapping must not exceed 4 rows;
- Storage rooms and/or warehouse has to be checked in order to avoid water leaks from roof, floor and walls;
- Minimum distance (10cm.) from roof, floor and walls is recommended;
- Storage location has to be realized in order to avoid thermal buildup (fire);
- RFID tickets may be affected by excessive vibrations or shocks, so items have to be handling with care;
- Not proper handling, boxes dropping & throwing or forklift striking can result in damaged items;
- RFID tickets have to be placed away from electro/electromagnetic fields and/or microwave device.