

RFID Storage Guidelines

The shelf life of RFID tags and labels can vary greatly, depending on environmental conditions (heat, humidity, etc). They can be stored under ideal conditions for several years although this is not advised.

Poor storage conditions could result in issues such as:

- brittle paper or liner
- adhesive bleeding from edges
- paper curl

Most of these conditions are reversible by allowing materials to acclimate to ambient conditions before use. Minimum label application temperature is 25F.

Data retention for RFID labels and tags is up to 10 years.

Exposure to X-rays or gamma radiation could result in loss of data integrity, or severely damage the RFID electronics.

- Do not get RFID tags wet
- Do not crush RFID tags
- Do not store RFID tags near electro-static discharge
- Do not bend RFID tags
- Do not reuse or reprocess RFID tags
- Store at temperatures 15C (59F) to 25C (77F), humidity 60%, +/- 10%.
- Store RFID labels and tags in the original packaging, and/or anti-static bags to minimize the chance of ESD (electrostatic discharge) damage