
**Information technology — Radio
frequency identification for item
management — Implementation
guidelines —**

Part 2:
Recycling and RFID tags

*Technologies de l'information — Identification de radiofréquences pour
la gestion d'items — Lignes directrices pour la mise en œuvre —*

Partie 2: Recyclage et repères RFID

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Foreword

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International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of the joint technical committee is to prepare International Standards. Draft International Standards adopted by the joint technical committee are circulated to national bodies for voting. Publication as an International Standard requires approval by at least 75 % of the national bodies casting a vote.

In exceptional circumstances, the joint technical committee may propose the publication of a Technical Report of one of the following types:

- type 1, when the required support cannot be obtained for the publication of an International Standard, despite repeated efforts;
- type 2, when the subject is still under technical development or where for any other reason there is the future but not immediate possibility of an agreement on an International Standard;
- type 3, when the joint technical committee has collected data of a different kind from that which is normally published as an International Standard (“state of the art”, for example).

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ISO/IEC TR 24729-2, which is a Technical Report of type 2, was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, Subcommittee SC 31, *Automatic identification and data capture techniques*.

ISO/IEC TR 24729 consists of the following parts, under the general title *Information technology — Radio frequency identification for item management — Implementation guidelines*:

- *Part 1: RFID-enabled labels and packaging supporting ISO/IEC 18000-6C*
- *Part 2: Recycling and RFID tags*

The following part is under preparation:

- *Part 3: Implementation and operation of UHF RFID interrogator systems in logistics applications*

Information technology — Radio frequency identification for item management — Implementation guidelines —

Part 2: Recycling and RFID tags

1 Scope

Radio-frequency identification (RFID) is positioned to serve as a significant enabler in the recycling of various types of products; notably home appliances and electronics. At the same time various recycling streams are challenged by the possibility of RF tags being attached to recycled material, notably glass and steel.

2 Terms and definitions

For the purposes of this document, the terms and definitions given in ISO/IEC 19762-1 and ISO/IEC 19762-3 apply.