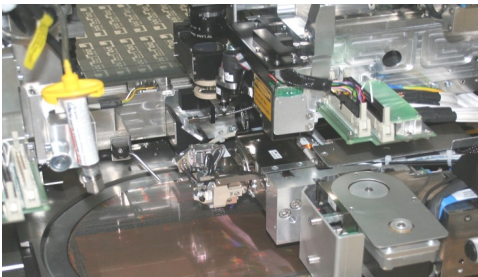


Comex — RFID products

standards: UHF EPC Gen2, HF (I-code, Mifare)



In 2006 COMEX launched the production of RFID products – labels, cards and tickets. Recently, we expanded our RFID based products to customized inlays production and product labels with printed UHF antennas.



In 2009, in order to optimize production time and costs we started R&D project for printed UHF antenna inlays. UHF dies are deposited by flip-chip technology forming unique, customer oriented inlays that may be used for direct application as well as further e-label processing.

UHF EPC Gen2 logistic labels



Customer requested format including most frequently used in logistic systems 150mm x100mm label. Produced of paper or other natural environment resistant material upon client's request.

| | |
|---------------|----------------------------------|
| Size | - width: 100mm, length: 150mm |
| RFID standard | - EPC Class1 Gen 2, ISO 18000-6C |
| Memory | - 96/240 bit EPC |
| Material | - paper, PP foil |
| Printing | - thermal and thermo transfer |
| Application | - pallets bulk packing tagging |

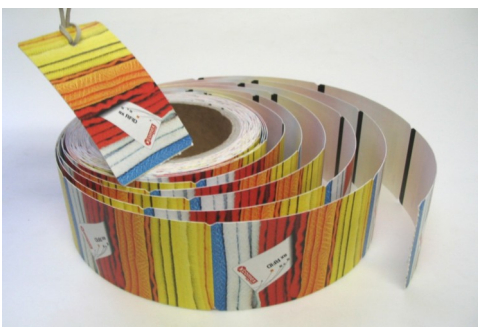
UHF EPC Gen2 labels



Credit card ID-1 size label delivered on self-adhesive support or on rolls. Wherever one uses small size label for goods or bulk packing marking.

| | |
|---------------|--|
| Size | - width: 54mm, length: 86mm |
| Form | - self-adhesive label, saw-in badge etc. |
| RFID Standard | - EPC Class1 Gen 2, ISO 18000-6C |
| Memory | - 96/240 bit EPC |
| Material | - paper, PP foil, others |
| Printing | - thermal and thermo transfer |
| Application | - bulk packing, clothes tagging (sawing badges) |

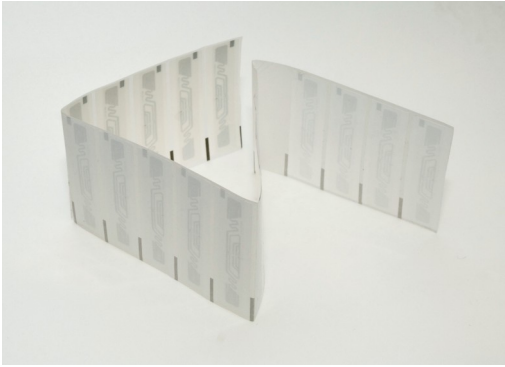
UHF EPC Gen2 labels - clothes tagging



Wherever goods are marked with RFID price tags or RFID tickets.

| | |
|---------------|---|
| Size | - width: 54mm, length: 86mm |
| Final form | - on roll, perforation, eyelet |
| RFID Standard | - EPC Class1 Gen 2, ISO 18000-6C |
| Memory | - 96/240 bit EPC |
| Material | - paper, PP foil, others |
| Printing | - thermal and thermo transfer |
| Application | - clothes tagging, price tags, product tags |

Documents, books tagging UHF EPC Gen2 labels



Narrow RFID labels frequently used in document management and library systems. Dedicated, paper friendly adhesive is used for books tagging.

| | |
|---------------|---|
| Size | - width: 100 mm, length: 30mm, |
| Form | - self adhesive label, |
| RFID standard | - EPC Class1 Gen 2, ISO 18000-6C |
| Memory | - 96/240 bit EPC |
| Base material | - paper, PP foil, paper friendly adhesive |
| Printing | - thermal and thermo transfer |
| Application | - books, documents tagging |

HF/UHF EPC Gen2 - windshield labels



Identification, self-adhesive windshield labels frequently used in parking areas and/or car-access systems. Recto-verso printing (also on the adhesive side - readable from outside of the car).

| | |
|-------------------|--|
| Size | - width: 86mm, length: 54mm or other |
| Form | - self-adhesive multilayer label |
| RFID standard | - ISO 18000-6C, Mifare, I-code |
| Base material | - paper, PP foil, other |
| Base printing | - full colour, lamination, personalization |
| Client's printing | - thermal and thermo transfer |
| Security features | - hologram, special inks |
| Application | - car identification, parking areas |

Ski-lifts and transportation HF RFID tickets



Most frequently used ISO ID1 size ski-lifts and public transportation tickets. Made of paper or synthetic material to increase environmental resistance.

| | |
|-------------------|---|
| Size | - width: 54mm, length: 86mm |
| RFID standard | - Mifare Ultralight, I-code |
| Memory | - upon used RFID standard |
| Base material | - paper, PP foil, tyvek, other |
| Base printing | - full colour, lamination, personalization |
| Client's printing | - thermal and thermo transfer |
| Application | - ski-lifts, transportation, city-cards, entrance tickets |

RFID tickets — HF, UHF



81x154mm is the most frequently used event ticket size. Any other upon client's demand. Combination of multiple printing techniques (off-set, silk screen, hot-stamping, digital print) with high security features and smart solutions in one single product

| | |
|-------------------|--|
| Size | - any size and form |
| Form | - tickets on roll, fan-folded, perforation |
| RFID standard | - ISO 18000-6C, Mifare Ultralight, I-code, any other |
| Memory | - upon used RFID standard |
| Base material | - paper, PP foil, tyvek, other |
| Security features | - hologram, special, security inks |
| Base printing | - full colour, lamination, personalization |
| Client's printing | - thermal and thermo transfer |