



## Outer Case Coding

### Marking and Coding of Packaging

Almost every product features a package intended to market the product perfect, but that also has to meet requirements for traceability and duties to inform. Therefore, along with the package design, package marking and coding is a crucial topic in various industries. Marking Solutions inkjet printers can be used to mark packaging reliably and the camera systems can be used to monitor markings and barcodes in every respect.

### Typical Markings

- Expiration dates
- Batch numbers/lot numbers
- Characters and text
- Company logos
- Barcodes
- 2D codes, e.g. QR codes, DataMatrix codes, etc.
- Lottery codes/numbers
- Graphics

### Materials

- Paper
- Cardboard
- Plastics like PET, PP, films, bags, etc.
- Glass
- Ceramic
- Metal, i.e. aluminum cans/tin cans/crown caps

### Examples of Typical Applications

- Marking primary packaging
- Marking secondary packaging
- Labeling foodstuff packaging
- Imprinting pharmaceutical/drugstore packaging
- Coding tobacco packages
- Marking product packaging
- Outer packaging
- Package marking and coding in wet production environments
- Traceability/track and trace/identification
- Use of FDA-compliant inks

### Typical Print Monitoring Tasks

- Print monitoring/verification/image processing of various printouts
- Monitoring the presence of items, such as dispensed products (cards or samples)
- Reliable monitoring of inkjet fonts (printouts of small character inkjet printers)
- Order logging

