Cannabis Applications
Sample Guide
Coding solutions to help meet your branding, operational and regulatory requirements
Codes on your products are necessary, but headaches shouldn’t be.

Labeling requirements for cannabis products are strictly regulated and constantly evolving. Processors and packagers of cannabis, THC, and CBD products are challenged to place vital product information on small, varied packaging surfaces. The wide range of required information such as date codes, batch numbers, serial numbers, weight, and CBD/THC content poses an additional challenge to processors and packagers.

At Videojet, we are eager to partner with you to address these challenges. Our products will apply the information you need onto virtually every substrate and packaging type, while helping to ensure that you meet your regulatory, operational, and branding needs.
Common categories of disclosure requirements

Information such as cannabinoid content and expiration date, that is unique to each batch or product is called variable information.

- Product and/or strain name
- Weight
- Cannabinoid Content
- Test Date, Packaging Date & Use by Date
- Name of testing lab or company
- Name of cultivator or manufacturer

As the cannabis industry rapidly grows and matures, cannabis processors are refining their operations by:

- Transitioning from pre-printing information to variably printing variable regulatory disclosures on demand
- Seeking label alternatives
- Reducing manual labor
Range of coding technologies for unique cannabis applications

- **Laser Marking Systems**
  Beam of infrared light that creates marks where the heat of the beam contacts with the package surface.

- **Thermal Inkjet (TIJ)**
  Ink-based non-contact printing that is generally used to print 2D DataMatrix and other bar codes.

- **Continuous Inkjet (CIJ)**
  Ink-based printing of up to five lines of text and 2D bar codes on a variety of packaging types, including stationary packaging via traversing systems.

- **Thermal Transfer Overprinting (TTO)**
  A digitally controlled printhead precisely melts ink from a ribbon directly onto flexible films to provide high resolution, real-time prints.

- **Large Character Marking (LCM)**
  Ink-based, non-contact printing of tall codes, including alphanumeric logos, and bar codes in large sizes primarily for cases.

- **Label Printer Applicator (LPA)**
  Prints and places labels of various sizes on multiple package types.
Flexible Film Pouches

Flexible film packaging enhances the shelf life of perishable products and adds an aesthetic appeal to the packed product.
Paper and Cardboard

Paper and cardboard are relatively inexpensive, easily recycled packaging options suitable for a range of print solutions.

Laser on coated paperboard

TJ on cardboard

TTO on label applied to cardboard

Laser on coated paperboard
Glass Containers

Glass containers are a popular packaging option, allowing product differentiation and a premium appearance, while providing contents with a strong protective barrier.
Plastic Containers

Choosing the right coding solution to pair with plastic, while also overcoming the challenges of curved and shiny surfaces, is essential.
Metal Containers

Metal containers are highly protective and typically indicate a high-quality, premium product.
Direct on Product

Printing directly onto the product avoids the need for excess packaging and allows the product itself to carry essential branding and information.
We have the right hardware, expertise, and relationships with major OEMs to help ensure our printers will integrate seamlessly into your packaging lines.

▶ Expertise and OEM partnership

We partner closely with the major packaging original equipment manufacturers (OEMs) to help ensure machine compatibility and ease of integration into all types of packaging equipment.

▶ Software Integration and communications packages

Our products not only integrate well with OEM hardware, but also come with industry-standard software drivers to ensure easy integration into your manufacturing, inventory management, and track and trace setup for operational and state regulatory compliance.

▶ Experienced support team for installation and beyond

The Videojet service and technical support team understands the intricacies of cannabis packaging and regulatory labeling and helps ensure that installation is done right the first time, either with your OEM or directly into your line. With our deep experience supporting customers in other highly regulated verticals, such as pharmaceuticals, you can have peace of mind that expertise and support will be available throughout the lifetime of the printer.
Peace of mind comes as standard

Videojet Technologies is a world-leader in the product identification market, providing in-line printing, coding, and marking products, application specific fluids, and product life cycle services. With unmatched depth of experience in servicing highly regulated industries, our skilled sales, service, and support teams are eager to partner with you to address your regulatory marking, coding, and labeling challenges.

Our commitment to sustainability

We are committed to conducting our business with respect to the impact on people and our planet in everything we do. We drive sustainability through our people, product innovation and environmental impact, powered by the Danaher Business System (DBS). This is true wherever we operate, including our facilities, customer sites, supply chain, communities, and environment.

People
Helping People Reach Their Potential

Product Innovation
Helping Solve Product Identification Challenges

Environment
Helping Reduce Our Environmental Impact

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Part No. SL000710
pg-cannabis-us-0922
Printed in U.S.A.