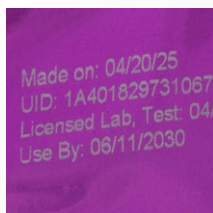





Cannabis Applications

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

Sativa

Weight

7.09G

Cannabinoid Content

THC 24%



Test Date, Packaging Date & Use by Date

DATE TESTED: 11/06/2025

DATE PACKED: 11/06/2025

USE BY: 04/20/2030

Name of testing lab or company

TESTED BY: VMJ LABORATORY

Name of cultivator or manufacturer

Manufactured by Growing Green, LLC

Batch: 3YXVCZUE37HY

Lot number: A45678F09654DE21563475

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)

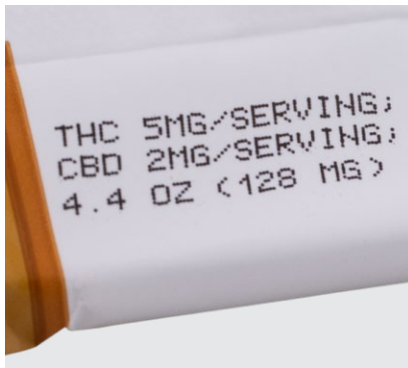
Prints and places labels of various sizes on multiple package types.



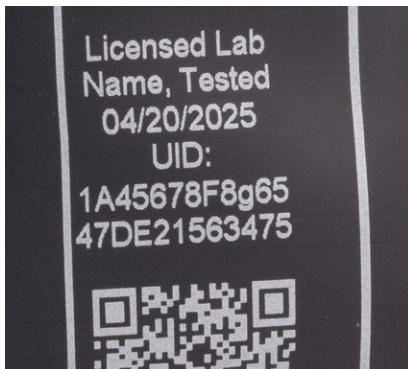
Flexible Film Pouches



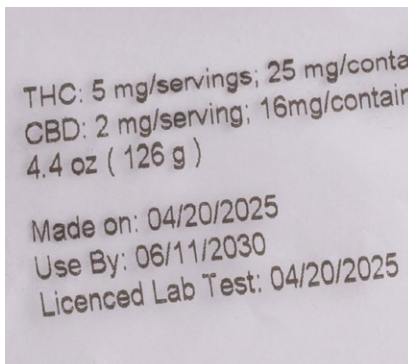
Flexible film packaging enhances the shelf life of perishable products and adds an aesthetic appeal to the packed product.



CIJ on flexible film



TTO on pouch



TIJ on a flexible film



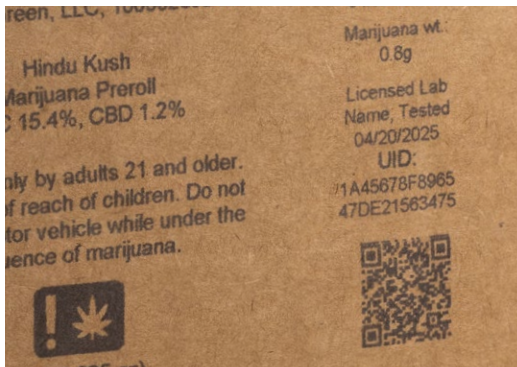
TTO on label applied onto a pouch

Paper and Cardboard

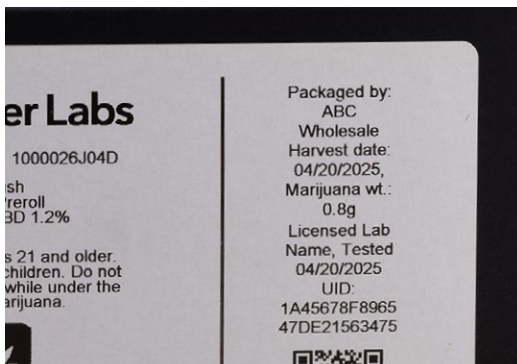
Paper and cardboard are relatively inexpensive, easily recycled packaging options suitable for a range of print solutions.



Laser on coated paperboard



TTI on cardboard



TTO on label applied to cardboard



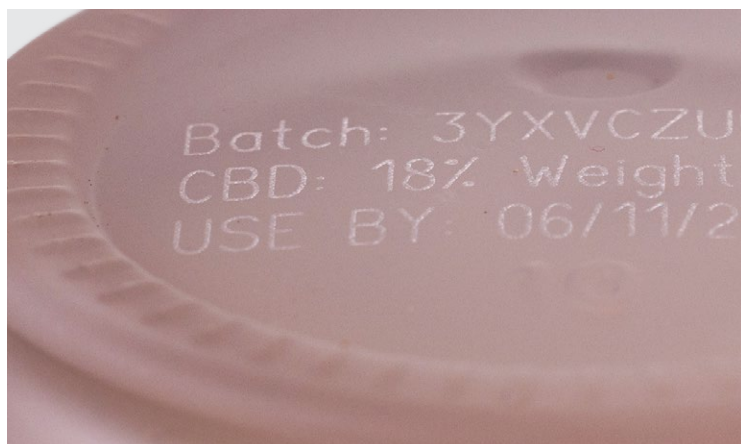
Laser on coated paperboard

Glass Containers

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



CIJ code on glass vial



Laser on frosted glass jar



Laser on a metal cap of a glass container



Laser on plastic cap of a glass jar



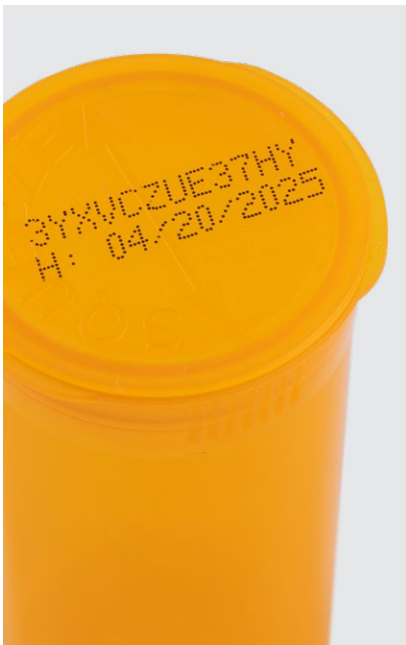
CIJ on glass container



Laser on a metal cap of a glass container

Plastic Containers

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



CIJ on a plastic container



TIJ on HDPE jar



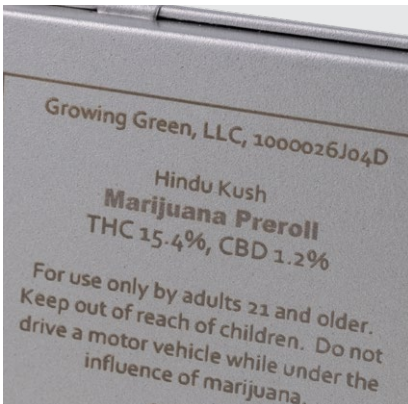
Laser on a plastic tube



TIJ on plastic lid

Metal Containers

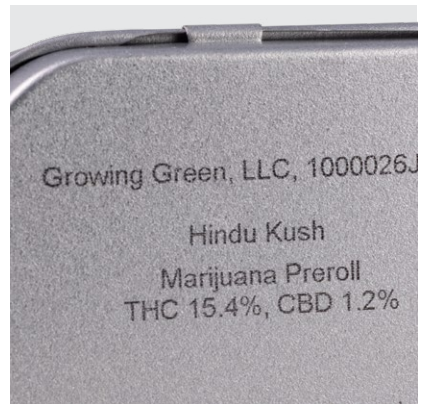
Metal containers are highly protective and typically indicate a high-quality, premium product.



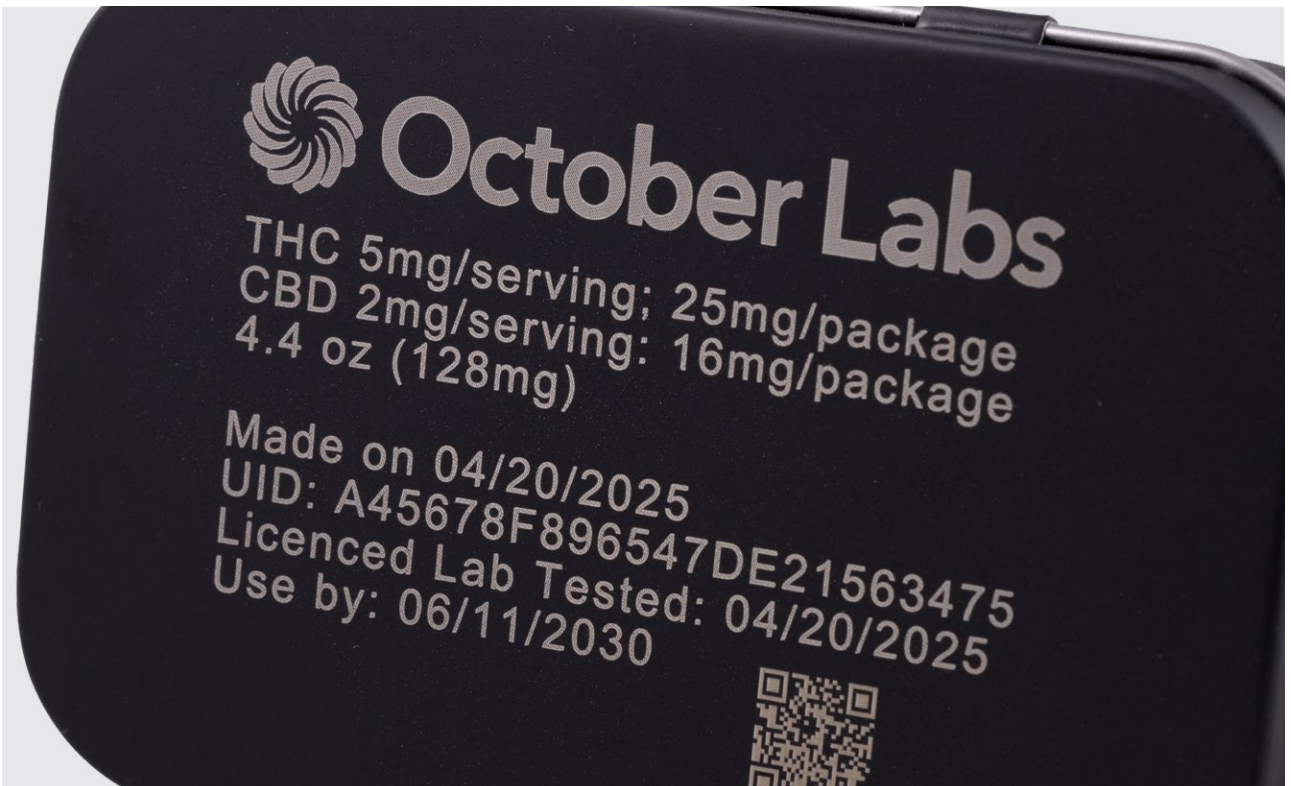
Laser on metal container



Laser on tin container



TII on metal container



Laser on tin container

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.



Laser on edible



Laser on vape pen



Laser on edibles



Food grade ink (CIJ) on edibles

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

Call **877-660-7970**

Email **info@videojet.com**

or visit **www.videojet.com**

For OEM-specific inquiries, email

OEM.Marketing@videojet.com

Videojet Technologies Inc.
1500 Mittel Blvd. Wood Dale IL 60191 / USA

©2022 Videojet Technologies Inc. — All rights reserved.

Videojet Technologies Inc.'s policy is one of continued product improvement. We reserve the right to alter design and/or specifications without notice.

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

