

# Dizpot Patents Child-Resistant Paper Tubes for Cannabis

## **DIZPOT's New Child-Resistant Paper Tube Aims to Enhance Product Integrity and Consumer Safety**

DIZPOT, a leading provider of cannabis and hemp packaging, branding, and logistics, has announced a milestone achievement in sustainable packaging. The company recently secured U.S. Patent No. D1046623 for its innovative child-resistant paper tube, marking a significant step forward in product safety and environmental responsibility within the cannabis industry. This groundbreaking packaging solution, which combines child-resistant technology with sustainable materials, is designed to preserve product integrity while ensuring consumer safety.

The patented paper tube, currently available in Michigan through brands like Thunder Canna, exemplifies DIZPOT's commitment to eco-conscious design and regulatory compliance. By offering a recyclable, biodegradable tube equipped with a child-resistant lid and a food-grade liner, DIZPOT is setting a new standard for sustainable packaging in highly regulated markets.

### **Innovative Design for Safety and Sustainability**

The patented child-resistant paper tube was developed in-house by two of DIZPOT's key team members, account executive Charlie Dains and senior graphic designer AJ Keller. Conceived in 2022, this tube incorporates features designed with both the environment and consumer safety in mind. The product includes:

**ASTM-Certified Child-Resistant Lid:** This lid meets stringent safety standards to ensure that products remain inaccessible to children, a crucial factor for cannabis products.

**Biodegradable Tube Material:** Made from sustainable materials, the tube itself is fully biodegradable, addressing the cannabis industry's increasing need for environmentally friendly packaging options.

**Food-Grade Liner:** A specialized food-grade liner helps maintain the integrity of cannabis products by providing a safe, contaminant-free interior surface.

Together, these elements create a packaging solution that fulfills essential requirements for safety, sustainability, and regulatory compliance, appealing to both cannabis businesses and conscious consumers alike.

### **DIZPOT's Vision for Sustainable and Compliant Packaging**

John Hartsell, Co-Founder of DIZPOT, expressed the company's dedication to sustainability and innovation in a recent statement. "Our goal is to design products that not only meet the highest compliance standards but

also reduce the cannabis industry's environmental footprint. This new child-resistant tube is a direct response to the demand for eco-friendly and secure packaging solutions," said Hartsell.

The cannabis industry, which operates under strict regulatory requirements, faces growing pressure to adopt sustainable practices. Packaging is a key area where companies can make an impact. DIZPOT's newly patented tube addresses two crucial needs—safety for consumers and environmental responsibility—providing operators with a reliable solution that aligns with evolving industry expectations.

### **Addressing Industry Challenges with Child-Resistant, Eco-Friendly Packaging**

The cannabis industry has long struggled with the challenge of balancing safety and environmental concerns. Traditional child-resistant packaging, often made from plastic, can be harmful to the environment. Yet, safety remains a top priority due to the industry's highly regulated nature and the potential risks associated with cannabis products.

DIZPOT's child-resistant paper tube represents an innovative solution to this challenge. By designing a tube with biodegradable materials, DIZPOT offers cannabis companies an alternative to plastic-based packaging that meets child-safety requirements. Additionally, the food-grade liner within the tube addresses concerns over product contamination and degradation, enhancing the shelf life and quality of the stored product.

### **Sustainable Design Aligned with Consumer Preferences**

The move towards sustainable packaging is not just driven by regulatory needs; it also aligns with shifting consumer preferences. Today's consumers are increasingly eco-conscious, with many seeking out brands that prioritize environmental stewardship. For cannabis consumers, this preference extends to packaging, where demand for recyclable and biodegradable options has surged.

DIZPOT's child-resistant paper tube directly appeals to these eco-conscious consumers by offering a packaging option that not only protects the product but also minimizes environmental impact. According to recent studies, a significant percentage of consumers are willing to pay a premium for sustainable products, making DIZPOT's paper tube a potential value-add for cannabis brands looking to appeal to this growing market segment.

### **Patent Milestone: Strengthening DIZPOT's Market Position**

Securing a U.S. patent for the child-resistant paper tube is a notable achievement for DIZPOT, solidifying its position as an innovator in cannabis packaging solutions. The patent not only protects DIZPOT's unique design but also paves the way for future innovations. The company has indicated that this patented tube is just the beginning, with plans to introduce more eco-friendly, compliant packaging designs to the market in the near future.

"This patent marks a key milestone for our company, but it's only the beginning," stated Hartsell. "We're committed to leading the industry in sustainable packaging, and we're excited to unveil additional designs that meet both regulatory standards and environmental goals."

The patented design is particularly significant given the competitive nature of the cannabis industry. As more states legalize cannabis, demand for compliant, sustainable packaging is expected to rise. With this patent, DIZPOT not only secures its intellectual property but also strengthens its competitive advantage in an expanding market.

### **The Importance of ASTM Certification in Child-Resistant Packaging**

One of the critical components of DIZPOT's new paper tube is the ASTM-certified child-resistant lid. The ASTM (American Society for Testing and Materials) sets rigorous standards for child-resistant packaging, ensuring that it cannot be easily opened by children while remaining accessible to adults.

For cannabis products, child-resistant packaging is not merely an industry best practice; it's a regulatory requirement in many states. The ASTM certification gives cannabis businesses the confidence that their products will meet state and federal requirements for safety, reducing the risk of compliance issues and enhancing consumer trust.

"Our ASTM-certified child-resistant lid underscores our commitment to consumer safety," Hartsell explained. "By meeting these high standards, we are giving cannabis brands a product they can rely on to comply with regulations and protect their consumers."

### **Expanding Availability: Thunder Canna and Beyond**

Currently, DIZPOT's branded paper tube is available in Michigan through Thunder Canna, a popular cannabis brand. The availability of this innovative packaging solution within Michigan's competitive cannabis market allows DIZPOT to gauge consumer and operator response before expanding to additional states. Thunder Canna's adoption of the child-resistant paper tube positions it as a forward-thinking brand prioritizing both safety and sustainability.

With the patent in place, DIZPOT aims to roll out its child-resistant paper tube nationwide, providing more cannabis operators with access to sustainable packaging that complies with industry regulations. Hartsell confirmed that DIZPOT is in talks with additional brands and anticipates broader distribution in the coming months.

### **Looking Ahead: DIZPOT's Commitment to Innovation**

DIZPOT's patented child-resistant paper tube is just the latest example of the company's dedication to innovation in the cannabis packaging industry. As regulatory demands evolve and consumer preferences shift, DIZPOT continues to anticipate industry needs, focusing on developing products that balance compliance, safety, and sustainability.

The company's leadership team has hinted at additional products in development that aim to reduce environmental impact while maintaining the highest standards of product integrity and safety. With more patents anticipated in the future, DIZPOT is positioning itself as a leader in sustainable cannabis packaging solutions.

DIZPOT's child-resistant paper tube represents a significant advancement in cannabis packaging, offering a solution that prioritizes both consumer safety and environmental responsibility. With its patented design, DIZPOT is setting a new standard for the industry, responding to the demand for sustainable packaging in a highly regulated market.

As DIZPOT expands the availability of this innovative tube, cannabis operators across the country will have the opportunity to enhance their product offerings with compliant, eco-friendly packaging solutions. This achievement underscores DIZPOT's commitment to leading the cannabis industry in sustainable packaging innovation and shaping a greener, safer future for cannabis consumers.

Email: [info@cannabisriskmanager.com](mailto:info@cannabisriskmanager.com) | Phone: +415-226-4060

© Copyright 2025 Cannabis Risk Manager. All Rights Reserved