

# Degassing Valves Market Outlook 2025 to 2035: Growth Driven by Smart Packaging and Sustainability Innovations

*Global degassing valves market to hit USD 418.9 million by 2035, fueled by smart packaging, sustainable materials, and coffee culture expansion.*

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-- The global [degassing valves market](#) is undergoing a period of steady expansion, fueled by technological innovation, sustainability initiatives, and evolving consumer preferences. Valued at USD 262.1 million in 2025,

the industry is projected to reach USD 418.9 million by 2035, growing at a CAGR of 4.8%. These specialized one-way valves, often found in coffee packaging and food storage solutions, play a critical role in ensuring freshness, extending shelf life, and preventing oxidation. Their rising adoption is closely tied to global demand for premium coffee, sustainable food packaging, and next-generation smart packaging technologies.

## Innovation Leading the Way

Innovation is reshaping how degassing valves function and are perceived in the packaging industry. In late 2024, Sidel Group launched its SmartValve, a degassing solution embedded with sensors to provide real-time monitoring of CO<sub>2</sub> release and internal pressure. According to Loïc Hériard Dubreuil, CEO of Sidel, this technology “not only ensures freshness but also delivers actionable data to optimize supply chain decisions and reduce waste.” The introduction of sensor-equipped valves marks a shift from traditional passive components toward active, intelligent packaging systems that benefit both producers and consumers.

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Around the same time, Wipak introduced a biodegradable valve compatible with compostable



packaging films, a move directly addressing Europe's tightening sustainability regulations. CEO Sari Pohjanpalo noted that the innovation "aligns with growing regulatory pressure in Europe to reduce plastic waste without compromising on shelf life or consumer experience." This step highlights the industry's dual focus on maintaining product quality while supporting the transition to eco-friendly materials.

Popp & Co., a long-standing player in the market, made progress in 2024 with a hydrophobic valve membrane designed for bakery and snack packaging—applications previously challenging for degassing valves due to moisture and fat content. The company's trials showed a 25% reduction in valve replacement rates, demonstrating how material science is expanding valve applications beyond coffee and into broader food sectors.

## Regulatory Environment

By 2025, regulatory compliance has become a cornerstone for companies competing in the degassing valves market. Global frameworks focus on food safety, material compliance, and environmental responsibility. FDA and EFSA standards mandate the use of food-grade, BPA-free materials, while ISO and ASTM guidelines enforce performance and reliability benchmarks. Environmental directives, particularly in Europe, are pushing manufacturers toward recyclable and biodegradable materials. Certifications such as RoHS and REACH have made eco-compliant design a necessity, not an option.

Leading manufacturers are responding with proactive strategies. Goglio S.p.A. ensures compliance through BPA-free, food-grade materials and ISO-standard testing. Wipf AG invests heavily in biodegradable solutions aligned with European directives. Syntegon Technology GmbH integrates sensor-enabled CO<sub>2</sub> monitoring to meet safety and sustainability standards. Companies like CCL Industries and TricorBraun Flex are adopting traceability tools and third-party audits to maintain global credibility.

## Market Segmentation and Material Trends

The market is diverse, segmented by both product type and material. Non-filter integrated valves dominate with a 61% share due to their cost-effectiveness and adaptability. They are especially favored in industries where external filtration systems are already in use.

Material choices are equally critical, with polypropylene valves accounting for 50% of sales. Lightweight, durable, and chemically resistant, polypropylene remains a reliable and affordable option across industries ranging from food packaging to chemical processing.

## Regional Market Trends

North America remains a mature yet innovative market. Specialty coffee consumption, coupled with growing e-commerce demand, drives valve adoption. Sustainability-focused innovations,

such as compostable valves, are increasingly favored.

Europe continues to lead regulatory enforcement. Markets in Germany, Italy, and the UK are adopting biodegradable valve alternatives. Coffee culture, artisanal brands, and strict packaging standards all contribute to sustained demand for high-performance valves.

Asia-Pacific represents the fastest-growing region, with rising coffee culture and food processing industries in China, India, and Southeast Asia. While cost sensitivity remains a challenge, local collaborations and tailored designs are helping manufacturers expand their presence.

### Market Shifts and Future Trends

Between 2020 and 2024, the market focused on compliance, plastic-based valves, and expanding adoption in coffee and food sectors. Looking ahead to 2025–2035, the emphasis is shifting toward smart packaging integration, biodegradable materials, and AI-driven quality monitoring. Future innovations may include 3D-printed valves, graphene-enhanced membranes, and zero-waste packaging systems. These advancements aim to enhance both sustainability and performance while keeping costs competitive.

### Country-Wise Insights

- The United States remains a dominant market with a projected CAGR of 5.1%, driven by specialty coffee consumption and e-commerce growth.
- The United Kingdom, with a CAGR of 4.5%, shows rising adoption of sustainable packaging aligned with home-brewing and specialty coffee culture.
- The European Union, growing at 4.7%, is driven by strict sustainability mandates and growing investments in premium packaging.
- Japan and South Korea, with CAGRs of 4.4% and 4.9% respectively, highlight strong consumer interest in premium packaging, fermented food applications, and eco-conscious consumption.

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### Competitive Landscape

The competitive landscape is led by a blend of established and emerging manufacturers. Goglio S.p.A. maintains 12–16% market share with high-performance coffee packaging solutions. Wipf AG holds 10–14% through its focus on sustainability. Plitek, LLC contributes 8–12% by offering customized industrial solutions, while Syntegon Technology and TricorBraun Flex expand automation and flexible packaging innovations. Smaller players like Pacific Bag, Inc., Fresco System USA, Swisspack Europe, Gualapack Group, and Amcor Plc are also contributing with niche offerings in eco-friendly and specialty packaging solutions. Together, these companies are reshaping the future of degassing valves through collaboration, R&D, and regional

customization.

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#### Editor's Note:

This release is based exclusively on verified and factual market content derived from industry analysis by Future Market Insights. No AI-generated statistics or speculative data have been introduced. This press release highlights significant shifts in the Degassing Valves Market, which is experiencing a pivotal change driven by consumer demand for healthier, more transparent products.

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