

Poly-Vent Market Report and Forecast 2025-2034

Market Report | 2025-08-13 | 162 pages | EMR Inc.

AVAILABLE LICENSES:

- Single User License \$3599.00
- Five User License \$4249.00
- Corporate License \$5099.00

Report description:

The global poly-vent market attained a value of USD 1.61 Billion in 2024 . The market is further expected to grow in the forecast period of 2025-2034 at a CAGR of 5.20% , to reach USD 2.67 Billion by 2034 .

Global Poly-Vent Market: Properties and Applications

Poly-vents refer to the membrane composed of polymer materials that can be polypropylene with enhanced perforated glass fibre or ePTFE (Polytetrafluoroethylene). The materials used for poly-vents should provide the airflow continuously and maintain the pressure within the component. Poly-vents improve electrical components' reliability and longevity like control units, sensors, actuators and engines.

They also block the entry of contaminants like dirt, water, mud, salts and other automotive liquids to prevent electronic materials. Poly-vents manage the internal pressure of various types of enclosures to increase reliability, prevent distortions and other component failure problems. Poly-vents avoid any container from having severe consequences, including damaged labels, leaks, broken containers, and the misalignment of pallets.

Based on material type, the poly-vent market can be divided into:

- Polypropylene
- Polyethylene
- Polytetrafluoroethylene

The poly-vent market can be broadly categorised based on end-use into:

- Agriculture
- Automotive

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- Chemicals and Cleaners
- Electronics and Electricals
- Food and Beverages
- Healthcare
- Packaging
- Others

Market breakup by region:

- North America
- Europe
- Asia Pacific
- Latin America
- Middle East and Africa

Global Poly-Vent Market Analysis

Temperature changes may lead to a change in pressure, which eventually improves the sealing stress and leads to container deformation. These parameter changes are the main driving factors behind the poly-vent market. The demand for poly-vents is growing, as they also offer filtration for various applications in addition to ventilation. Technological advancements in enclosures that do not require a ventilation can, however, hinder the development of the poly-vent market.

Poly-vents require breathing containers and enclosures and reduce condensation through the filtering of pollutants and other liquids. Poly-vent avoids the leakage of toxic fluids, but even after contact with extremely viscous fluids controls the airflow. Poly-vents reduce the risk for packaging that requires temperature and pressure change protection. The poly-vent market in the next few years is expected to see substantial expansion in its wide range of applications. Custom companies also manufacture electronic poly-vents for memory storage products, power supplies, and cabinet boxes. All these factors are expected to boost the demand for the product in the poly-vent market. The demand for poly-vents is expected to rise significantly during the forecast period owing to the need to increase the prevention of container deformations.

Global Poly-Vent Market: Competitive Landscape

The report presents a detailed analysis of the following key players in the global poly-vent market, looking into their capacity, market shares, and latest developments like capacity expansions, plant turnarounds, and mergers and acquisitions:

- Polyglass S.p.A
- W.L. Gore & Associates, Inc.
- Interstate Specialty Products
- Porex Corporation
- Others

The EMR report gives an in-depth insight into the poly-vent market by providing a SWOT analysis as well as an analysis of Porter's Five Forces model.

Table of Contents:

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 1 Executive Summary
 - 1.1 Market Size 2024-2025
 - 1.2 Market Growth 2025(F)-2034(F)
 - 1.3 Key Demand Drivers
 - 1.4 Key Players and Competitive Structure
 - 1.5 Industry Best Practices
 - 1.6 Recent Trends and Developments
 - 1.7 Industry Outlook
- 2 Market Overview and Stakeholder Insights
 - 2.1 Market Trends
 - 2.2 Key Verticals
 - 2.3 Key Regions
 - 2.4 Supplier Power
 - 2.5 Buyer Power
 - 2.6 Key Market Opportunities and Risks
 - 2.7 Key Initiatives by Stakeholders
- 3 Economic Summary
 - 3.1 GDP Outlook
 - 3.2 GDP Per Capita Growth
 - 3.3 Inflation Trends
 - 3.4 Democracy Index
 - 3.5 Gross Public Debt Ratios
 - 3.6 Balance of Payment (BoP) Position
 - 3.7 Population Outlook
 - 3.8 Urbanisation Trends
- 4 Country Risk Profiles
 - 4.1 Country Risk
 - 4.2 Business Climate
- 5 Global Poly-Vent Market Analysis
 - 5.1 Key Industry Highlights
 - 5.2 Global Poly-Vent Historical Market (2018-2024)
 - 5.3 Global Poly-Vent Market Forecast (2025-2034)
 - 5.4 Global Poly-Vent Market by Material Type
 - 5.4.1 Polypropylene
 - 5.4.1.1 Historical Trend (2018-2024)
 - 5.4.1.2 Forecast Trend (2025-2034)
 - 5.4.2 Polyethylene
 - 5.4.2.1 Historical Trend (2018-2024)
 - 5.4.2.2 Forecast Trend (2025-2034)
 - 5.4.3 Polytetrafluoroethylene
 - 5.4.3.1 Historical Trend (2018-2024)
 - 5.4.3.2 Forecast Trend (2025-2034)
 - 5.5 Global Poly-Vent Market by End Use
 - 5.5.1 Agriculture
 - 5.5.1.1 Historical Trend (2018-2024)
 - 5.5.1.2 Forecast Trend (2025-2034)
 - 5.5.2 Automotive

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 5.5.2.1 Historical Trend (2018-2024)
- 5.5.2.2 Forecast Trend (2025-2034)
- 5.5.3 Chemicals and Cleaners
 - 5.5.3.1 Historical Trend (2018-2024)
 - 5.5.3.2 Forecast Trend (2025-2034)
- 5.5.4 Electronics and Electricals
 - 5.5.4.1 Historical Trend (2018-2024)
 - 5.5.4.2 Forecast Trend (2025-2034)
- 5.5.5 Food and Beverages
 - 5.5.5.1 Historical Trend (2018-2024)
 - 5.5.5.2 Forecast Trend (2025-2034)
- 5.5.6 Healthcare
 - 5.5.6.1 Historical Trend (2018-2024)
 - 5.5.6.2 Forecast Trend (2025-2034)
- 5.5.7 Packaging
 - 5.5.7.1 Historical Trend (2018-2024)
 - 5.5.7.2 Forecast Trend (2025-2034)
- 5.5.8 Others
- 5.6 Global Poly-Vent Market by Region
 - 5.6.1 North America
 - 5.6.1.1 Historical Trend (2018-2024)
 - 5.6.1.2 Forecast Trend (2025-2034)
 - 5.6.2 Europe
 - 5.6.2.1 Historical Trend (2018-2024)
 - 5.6.2.2 Forecast Trend (2025-2034)
 - 5.6.3 Asia Pacific
 - 5.6.3.1 Historical Trend (2018-2024)
 - 5.6.3.2 Forecast Trend (2025-2034)
 - 5.6.4 Latin America
 - 5.6.4.1 Historical Trend (2018-2024)
 - 5.6.4.2 Forecast Trend (2025-2034)
 - 5.6.5 Middle East and Africa
 - 5.6.5.1 Historical Trend (2018-2024)
 - 5.6.5.2 Forecast Trend (2025-2034)
- 6 North America Poly-Vent Market Analysis
 - 6.1 United States of America
 - 6.1.1 Historical Trend (2018-2024)
 - 6.1.2 Forecast Trend (2025-2034)
 - 6.2 Canada
 - 6.2.1 Historical Trend (2018-2024)
 - 6.2.2 Forecast Trend (2025-2034)
- 7 Europe Poly- Vent Market Analysis
 - 7.1 United Kingdom
 - 7.1.1 Historical Trend (2018-2024)
 - 7.1.2 Forecast Trend (2025-2034)
 - 7.2 Germany
 - 7.2.1 Historical Trend (2018-2024)

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 7.2.2 Forecast Trend (2025-2034)
- 7.3 France
 - 7.3.1 Historical Trend (2018-2024)
 - 7.3.2 Forecast Trend (2025-2034)
- 7.4 Italy
 - 7.4.1 Historical Trend (2018-2024)
 - 7.4.2 Forecast Trend (2025-2034)
- 7.5 Others
- 8 Asia Pacific Poly-Vent Market Analysis
 - 8.1 China
 - 8.1.1 Historical Trend (2018-2024)
 - 8.1.2 Forecast Trend (2025-2034)
 - 8.2 Japan
 - 8.2.1 Historical Trend (2018-2024)
 - 8.2.2 Forecast Trend (2025-2034)
 - 8.3 India
 - 8.3.1 Historical Trend (2018-2024)
 - 8.3.2 Forecast Trend (2025-2034)
 - 8.4 ASEAN
 - 8.4.1 Historical Trend (2018-2024)
 - 8.4.2 Forecast Trend (2025-2034)
 - 8.5 Australia
 - 8.5.1 Historical Trend (2018-2024)
 - 8.5.2 Forecast Trend (2025-2034)
 - 8.6 Others
- 9 Latin America Poly-Vent Market Analysis
 - 9.1 Brazil
 - 9.1.1 Historical Trend (2018-2024)
 - 9.1.2 Forecast Trend (2025-2034)
 - 9.2 Argentina
 - 9.2.1 Historical Trend (2018-2024)
 - 9.2.2 Forecast Trend (2025-2034)
 - 9.3 Mexico
 - 9.3.1 Historical Trend (2018-2024)
 - 9.3.2 Forecast Trend (2025-2034)
 - 9.4 Others
- 10 Middle East and Africa Poly-Vent Market Analysis
 - 10.1 Saudi Arabia
 - 10.1.1 Historical Trend (2018-2024)
 - 10.1.2 Forecast Trend (2025-2034)
 - 10.2 United Arab Emirates
 - 10.2.1 Historical Trend (2018-2024)
 - 10.2.2 Forecast Trend (2025-2034)
 - 10.3 Nigeria
 - 10.3.1 Historical Trend (2018-2024)
 - 10.3.2 Forecast Trend (2025-2034)
 - 10.4 South Africa

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 10.4.1 Historical Trend (2018-2024)
- 10.4.2 Forecast Trend (2025-2034)
- 10.5 Others
- 11 Market Dynamics
 - 11.1 SWOT Analysis
 - 11.1.1 Strengths
 - 11.1.2 Weaknesses
 - 11.1.3 Opportunities
 - 11.1.4 Threats
 - 11.2 Porter's Five Forces Analysis
 - 11.2.1 Supplier's Power
 - 11.2.2 Buyer's Power
 - 11.2.3 Threat of New Entrants
 - 11.2.4 Degree of Rivalry
 - 11.2.5 Threat of Substitutes
 - 11.3 Key Indicators for Demand
 - 11.4 Key Indicators for Price
- 12 Value Chain Analysis
- 13 Procurement Insights
 - 13.1 Contract Terms
 - 13.2 Cost Structure
 - 13.2.1 Raw Material
 - 13.2.2 Utility
 - 13.2.3 Labour Cost
 - 13.2.4 Fixed Cost
 - 13.3 Pricing Model
 - 13.4 Vendor Selection Criteria
 - 13.5 Supplier and Buyer Power at Regional Level
 - 13.5.1 Demand
 - 13.5.2 Supply
 - 13.5.3 Raw Material/Feedstock Availability
 - 13.5.4 Supplier Power
 - 13.5.5 Buyer Power
 - 13.6 Procurement Strategy: Best Practices
- 14 Competitive Landscape
 - 14.1 Supplier Selection
 - 14.2 Key Global Players
 - 14.3 Key Regional Players
 - 14.4 Key Player Strategies
 - 14.5 Company Profiles
 - 14.5.1 Polyglass S.p.A
 - 14.5.1.1 Company Overview
 - 14.5.1.2 Product Portfolio
 - 14.5.1.3 Demographic Reach and Achievements
 - 14.5.1.4 Certifications
 - 14.5.2 W.L. Gore & Associates, Inc.
 - 14.5.2.1 Company Overview

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 14.5.2.2 Product Portfolio
- 14.5.2.3 Demographic Reach and Achievements
- 14.5.2.4 Certifications
- 14.5.3 Interstate Specialty Products
 - 14.5.3.1 Company Overview
 - 14.5.3.2 Product Portfolio
 - 14.5.3.3 Demographic Reach and Achievements
 - 14.5.3.4 Certifications
- 14.5.4 Porex Corporation
 - 14.5.4.1 Company Overview
 - 14.5.4.2 Product Portfolio
 - 14.5.4.3 Demographic Reach and Achievements
 - 14.5.4.4 Certifications
- 14.5.5 Others

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

Poly-Vent Market Report and Forecast 2025-2034

Market Report | 2025-08-13 | 162 pages | EMR Inc.

To place an Order with Scotts International:

- Print this form
- Complete the relevant blank fields and sign
- Send as a scanned email to support@scotts-international.com

ORDER FORM:

Select license	License	Price
	Single User License	\$3599.00
	Five User License	\$4249.00
	Corporate License	\$5099.00
		VAT
		Total

*Please circle the relevant license option. For any questions please contact support@scotts-international.com or 0048 603 394 346.

** VAT will be added at 23% for Polish based companies, individuals and EU based companies who are unable to provide a valid EU Vat Numbers.

Email*	<input type="text"/>	Phone*	<input type="text"/>
First Name*	<input type="text"/>	Last Name*	<input type="text"/>
Job title*	<input type="text"/>		
Company Name*	<input type="text"/>	EU Vat / Tax ID / NIP number*	<input type="text"/>
Address*	<input type="text"/>	City*	<input type="text"/>
Zip Code*	<input type="text"/>	Country*	<input type="text"/>
		Date	<input type="text" value="2026-02-22"/>
		Signature	<input type="text"/>

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com