

# Antimicrobial Packaging Market to Reach USD 28.57 Billion by 2034, Expanding at a 7.5% CAGR

*The growing intake of packaged food worldwide is a prominent factor driving the antimicrobial packaging market.*

NEW YORK CITY, NY, UNITED STATES, January 30, 2025 /EINPresswire.com/ -- The [antimicrobial packaging market](#) forecast for 2034 is a specialized study of the industry with a specific concentration on the global market trend analysis.



The active constituents impede the growth of microorganisms by decreasing their growth rate or prolonging their lag period."

*Polaris Market Research*

The antimicrobial packaging market is augmenting. The market is approximated to reach USD 28.57 billion by 2034. It was valued at USD 12.78 billion in 2024. It exhibited a CAGR of 7.5% from 2025 to 2034.

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Antimicrobial films are procedures utilized to decrease, impede, or slow down decay microorganism's evolution in food commodities, thus prohibiting food spoilage. The antimicrobial films' productivity relies on antimicrobial agents, organic and man-made, relying on their sources and efficacy against microorganisms.

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The central antimicrobial constituent utilized in food packaging involves artificial organic substances such as ethylene diamine tetraacetic acid (EDTA), fungicides, parabens, and other chemicals. Surging working women demographics, growing disposable income, and rising relocation rate towards cities are impacting the antimicrobial packaging market growth favorably.

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Antimicrobial packaging market is a growing market. The market is expected to reach a value of \$1.5 billion by 2024. The market is driven by the increasing demand for food safety and hygiene. The market is also driven by the increasing demand for sustainable packaging solutions.

- BASF SE
- Mondi
- DUNMORE
- Dow
- Avient Corporation
- BioCote Limited
- Microban International
- Takex Labo Co. Ltd.

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In January 2023, Dow Chemical Company initiated its contemporary elevated presentation film Dow INFINIA ProShield HP. The firm expressed that the film arrives with integral antimicrobial safeguarding for food packaging.



In December 2022, BASF declared its association with StePac to advance the subsequent generation of green packaging.

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**Growing Acquisition of Green Commodities:** The growing acquisition of eco-friendly commodity packaging approaches, which engage several substances and production methodologies to package commodities with low ecological influence and energy intake, is a factor anticipated to push the market demand in the near future.

**Enhanced Hygiene:** Antimicrobial packaging solutions provide many advantages over traditional substances, such as enhanced hygiene, sterility, and convenience. Its usage in healthcare offers an additional stratum of defense against detrimental pathogens. This, in turn, is having a favorable impact on antimicrobial packaging market sales.

Increased Food Security: Antimicrobial packaging enhances food security by impeding mold and pathogens such as Salmonella, Listeria monocytogenes, and E. coli. It also assists in decreasing food wastage by expanding the durability of bakery commodities.

Antimicrobial Packaging Market Outlook?

Asia Pacific: Asia Pacific accounted for the largest antimicrobial packaging market share. The region's robust growth is primarily due to speedy population growth and surging consumer consciousness about personal hygiene.

North America: North America is anticipated to witness significant growth from 2025-2034. This can be attributed to an extensive ratio of the North American population disbursing extra money on packaged foods.

Antimicrobial Packaging Market Outlook:

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Antimicrobial Packaging Market Outlook?

By Pack Type Outlook:

- Bags
- Pouches
- Trays
- Carton Packages
- Cups & Lids
- Others

By Technology Outlook:

- Controlled Release
- Active

By Base Material Outlook

- Plastics
- Biopolymer
- Paper & Paperboard
- Aluminum Foil
- Other Materials

By Antimicrobial Agents Outlook

- Organic Acid
- Bacteriocins
- Enzymes
- Essential Oil

- Metal Ions & Oxidizers
- Other Agents

#### By End-Use Industry Outlook

- Food & Beverages
- Healthcare
- Personal Care
- Consumer Goods
- Other Industries

#### By Regional Outlook

- North America

- o US
- o Canada

- Europe

- o Germany
- o France
- o UK
- o Italy
- o Spain
- o Netherlands
- o Russia
- o Rest of Europe

- Asia Pacific

- o China
- o Japan
- o India
- o Malaysia
- o South Korea
- o Indonesia
- o Australia
- o Rest of Asia Pacific

- Middle East & Africa

- o Saudi Arabia
- o UAE
- o Israel
- o South Africa
- o Rest of the Middle East & Africa

- Latin America

- o Mexico
- o Brazil
- o Argentina
- o Rest of Latin America

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How much is the antimicrobial packaging market?

The market size was valued at USD 12.78 billion in 2024 and is projected to grow to USD 28.57 billion by 2034.

Which segment by base material held the largest antimicrobial packaging market share in 2024?

The plastic segment accounted for the largest market share in 2024.

What are the regions covered in the market?

The regions covered in the market are North America, Europe, Asia Pacific, Latin America, and Middle East & Africa.

What is the growth rate of the market?

The market is projected to register a CAGR of 7.5% from 2025 to 2034.

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[Antimicrobial Packaging Industry](#) Hits Milestone - Projected at USD 28.57 Billion by 2034 with a Striking 7.5% CAGR

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Polymers, Composites & Nanotechnology, etc.:

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