

Global Smart and Active Packaging Supply, Demand and Key Producers, 2023-2029

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Abstracts

The global Smart and Active Packaging market size is expected to reach \$ 45470 million by 2029, rising at a market growth of 7.5% CAGR during the forecast period (2023-2029).

“Intelligent packaging” is one type of smart packaging that’s typically used for food, beverage, and pharmaceutical products. Intelligent packaging may include sensors that can detect the freshness or temperature of the package contents. Freshness or time/temperature indicators or sensors can be integrated inside or outside the packaging to show retailers and customers if an important limit has been exceeded. For example, a color change in the packaging could indicate bacterial growth, leaky packaging, or temperature disruption. In the pharmaceutical industry, intelligent drug packaging with built-in RFID chips, LEDs, and tiny loudspeakers can register the removal of pills and sound an alarm if they are taken incorrectly. Medication packaged with NFC chips allows customers to read package inserts and reorder medication using a smartphone.

Active Packaging also popular in the food and beverage industry, “active packaging” goes a step further than intelligent packaging to allow the package to interact with its contents in order to improve product shelf life or the quality of the contents during storage. Light filtering materials, oxygen and ethylene absorbers, antimicrobial surface coatings, and moisture-regulating materials can be integrated into the packaging or added separately as an insert. For example, active packaging may release antimicrobial agents to prevent bacterial growth when it senses that a product’s freshness is being compromised. Some beers packaged in plastic bottles contain oxygen absorbers in the screw caps that can extend the beer’s shelf life from three to six months. Film packaging with ethylene absorbers can absorb the ripening hormone ethylene while the

food is being stored to ensure a longer shelf life.

This report studies the global Smart and Active Packaging production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Smart and Active Packaging, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2022 as the base year. This report explores demand trends and competition, as well as details the characteristics of Smart and Active Packaging that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Smart and Active Packaging total production and demand, 2018-2029, (Tons)

Global Smart and Active Packaging total production value, 2018-2029, (USD Million)

Global Smart and Active Packaging production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (Tons)

Global Smart and Active Packaging consumption by region & country, CAGR, 2018-2029 & (Tons)

U.S. VS China: Smart and Active Packaging domestic production, consumption, key domestic manufacturers and share

Global Smart and Active Packaging production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (Tons)

Global Smart and Active Packaging production by Type, production, value, CAGR, 2018-2029, (USD Million) & (Tons)

Global Smart and Active Packaging production by Application production, value, CAGR, 2018-2029, (USD Million) & (Tons)

This reports profiles key players in the global Smart and Active Packaging market based on the following parameters – company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Sealed Air, impacX, Touchcode, 3M,

Amcors Plc, Avery Dennison Corporation, International Paper, BASF SE and Sealed Air Corporation, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Smart and Active Packaging market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (Tons) and average price (US\$/Ton) by manufacturer, by Type, and by Application. Data is given for the years 2018-2029 by year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

Global Smart and Active Packaging Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Smart and Active Packaging Market, Segmentation by Type

Active Packaging

Smart Packaging

Global Smart and Active Packaging Market, Segmentation by Application

Food

Beverage

Pharmaceutical

Companies Profiled:

Sealed Air

impacX

Touchcode

3M

Amcor Plc

Avery Dennison Corporation

International Paper

BASF SE

Sealed Air Corporation

Thin Film Electronics ASA

Smartrac N.V.

Multisorb Technologies

Ball Corporation

Amcor limited

Timestrip PLC

Sysco Corporation

Paksense Incorporated

Eastman Chemical Company

M&G USA Corporation

Key Questions Answered

1. How big is the global Smart and Active Packaging market?
2. What is the demand of the global Smart and Active Packaging market?
3. What is the year over year growth of the global Smart and Active Packaging market?
4. What is the production and production value of the global Smart and Active Packaging market?
5. Who are the key producers in the global Smart and Active Packaging market?
6. What are the growth factors driving the market demand?

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