

Global Vaccine Microneedle Patches Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

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Abstracts

According to our (Global Info Research) latest study, the global Vaccine Microneedle Patches market size was valued at US\$ million in 2024 and is forecast to a readjusted size of USD million by 2031 with a CAGR of %during review period.

In this report, we will assess the current U.S. tariff framework alongside international policy adaptations, analyzing their effects on competitive market structures, regional economic dynamics, and supply chain resilience.

Vaccine microneedle patches are a novel method for delivering vaccines through the skin using tiny, needle-like projections. These patches are typically small, about the size of a postage stamp, and contain hundreds of microneedles, which are much smaller than traditional needles, often no longer than a few hundred micrometers. The microneedles on the patch are designed to painlessly penetrate the outer layer of the skin, which is rich in immune cells. Once applied, the microneedles dissolve or release the vaccine into the skin, where it can stimulate an immune response.

This report is a detailed and comprehensive analysis for global Vaccine Microneedle Patches market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

Key Features:

Global Vaccine Microneedle Patches market size and forecasts, in consumption value (\$ Million), sales quantity (K Pcs), and average selling prices (US\$/Pc), 2020-2031

Global Vaccine Microneedle Patches market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (K Pcs), and average selling prices (US\$/Pc), 2020-2031

Global Vaccine Microneedle Patches market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (K Pcs), and average selling prices (US\$/Pc), 2020-2031

Global Vaccine Microneedle Patches market shares of main players, shipments in revenue (\$ Million), sales quantity (K Pcs), and ASP (US\$/Pc), 2020-2025

The Primary Objectives in This Report Are:

- To determine the size of the total market opportunity of global and key countries
- To assess the growth potential for Vaccine Microneedle Patches
- To forecast future growth in each product and end-use market
- To assess competitive factors affecting the marketplace

This report profiles key players in the global Vaccine Microneedle Patches market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include CosMED Pharmaceutical, Raphas, Micron Biomedical, VaxessTechnologies, WCC Biomedical, Shenzhen Qinglan Biotechnology, Zhuhai Youwe Biotechnology, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Market Segmentation

Vaccine Microneedle Patches market is split by Type and by Application. For the period 2020-2031, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

Silicon Material

Polymers Material

Others

Market segment by Application

COVID-19 Vaccine

Enterovirus 71 Vaccine

Other Vaccines

Major players covered

CosMED Pharmaceutical

Raphas

Micron Biomedical

VaxessTechnologies

WCC Biomedical

Shenzhen Qinglan Biotechnology

Zhuhai Youwe Biotechnology

Market segment by region, regional analysis covers

North America (United States, Canada, and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)
Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Vaccine Microneedle Patches product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Vaccine Microneedle Patches, with price, sales quantity, revenue, and global market share of Vaccine Microneedle Patches from 2020 to 2025.

Chapter 3, the Vaccine Microneedle Patches competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Vaccine Microneedle Patches breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2020 to 2031.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2020 to 2031.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2020 to 2025. and Vaccine Microneedle Patches market forecast, by regions, by Type, and by Application, with sales and revenue, from 2026 to 2031.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Vaccine Microneedle Patches.

Chapter 14 and 15, to describe Vaccine Microneedle Patches sales channel, distributors, customers, research findings and conclusion.

Contents

1 MARKET OVERVIEW

1.1 Product Overview and Scope

1.2 Market Estimation Caveats and Base Year

1.3 Market Analysis by Type

1.3.1 Overview: Global Vaccine Microneedle Patches Consumption Value by Type: 2020 Versus 2024 Versus 2031

1.3.2 Silicon Material

1.3.3 Polymers Material

1.3.4 Others

1.4 Market Analysis by Application

1.4.1 Overview: Global Vaccine Microneedle Patches Consumption Value by Application: 2020 Versus 2024 Versus 2031

1.4.2 COVID-19 Vaccine

1.4.3 Enterovirus 71 Vaccine

1.4.4 Other Vaccines

1.5 Global Vaccine Microneedle Patches Market Size & Forecast

1.5.1 Global Vaccine Microneedle Patches Consumption Value (2020 & 2024 & 2031)

1.5.2 Global Vaccine Microneedle Patches Sales Quantity (2020-2031)

1.5.3 Global Vaccine Microneedle Patches Average Price (2020-2031)

2 MANUFACTURERS PROFILES

2.1 CosMED Pharmaceutical

2.1.1 CosMED Pharmaceutical Details

2.1.2 CosMED Pharmaceutical Major Business

2.1.3 CosMED Pharmaceutical Vaccine Microneedle Patches Product and Services

2.1.4 CosMED Pharmaceutical Vaccine Microneedle Patches Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.1.5 CosMED Pharmaceutical Recent Developments/Updates

2.2 Raphas

2.2.1 Raphas Details

2.2.2 Raphas Major Business

2.2.3 Raphas Vaccine Microneedle Patches Product and Services

2.2.4 Raphas Vaccine Microneedle Patches Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.2.5 Raphas Recent Developments/Updates

2.3 Micron Biomedical

2.3.1 Micron Biomedical Details

2.3.2 Micron Biomedical Major Business

2.3.3 Micron Biomedical Vaccine Microneedle Patches Product and Services

2.3.4 Micron Biomedical Vaccine Microneedle Patches Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.3.5 Micron Biomedical Recent Developments/Updates

2.4 VaxessTechnologies

2.4.1 VaxessTechnologies Details

2.4.2 VaxessTechnologies Major Business

2.4.3 VaxessTechnologies Vaccine Microneedle Patches Product and Services

2.4.4 VaxessTechnologies Vaccine Microneedle Patches Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.4.5 VaxessTechnologies Recent Developments/Updates

2.5 WCC Biomedical

2.5.1 WCC Biomedical Details

2.5.2 WCC Biomedical Major Business

2.5.3 WCC Biomedical Vaccine Microneedle Patches Product and Services

2.5.4 WCC Biomedical Vaccine Microneedle Patches Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.5.5 WCC Biomedical Recent Developments/Updates

2.6 Shenzhen Qinglan Biotechnology

2.6.1 Shenzhen Qinglan Biotechnology Details

2.6.2 Shenzhen Qinglan Biotechnology Major Business

2.6.3 Shenzhen Qinglan Biotechnology Vaccine Microneedle Patches Product and Services

2.6.4 Shenzhen Qinglan Biotechnology Vaccine Microneedle Patches Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.6.5 Shenzhen Qinglan Biotechnology Recent Developments/Updates

2.7 Zhuhai Youwe Biotechnology

2.7.1 Zhuhai Youwe Biotechnology Details

2.7.2 Zhuhai Youwe Biotechnology Major Business

2.7.3 Zhuhai Youwe Biotechnology Vaccine Microneedle Patches Product and Services

2.7.4 Zhuhai Youwe Biotechnology Vaccine Microneedle Patches Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.7.5 Zhuhai Youwe Biotechnology Recent Developments/Updates

3 COMPETITIVE ENVIRONMENT: VACCINE MICRONEEDLE PATCHES BY

MANUFACTURER

3.1 Global Vaccine Microneedle Patches Sales Quantity by Manufacturer (2020-2025)

3.2 Global Vaccine Microneedle Patches Revenue by Manufacturer (2020-2025)

3.3 Global Vaccine Microneedle Patches Average Price by Manufacturer (2020-2025)

3.4 Market Share Analysis (2024)

3.4.1 Producer Shipments of Vaccine Microneedle Patches by Manufacturer Revenue (\$MM) and Market Share (%): 2024

3.4.2 Top 3 Vaccine Microneedle Patches Manufacturer Market Share in 2024

3.4.3 Top 6 Vaccine Microneedle Patches Manufacturer Market Share in 2024

3.5 Vaccine Microneedle Patches Market: Overall Company Footprint Analysis

3.5.1 Vaccine Microneedle Patches Market: Region Footprint

3.5.2 Vaccine Microneedle Patches Market: Company Product Type Footprint

3.5.3 Vaccine Microneedle Patches Market: Company Product Application Footprint

3.6 New Market Entrants and Barriers to Market Entry

3.7 Mergers, Acquisition, Agreements, and Collaborations

4 CONSUMPTION ANALYSIS BY REGION

4.1 Global Vaccine Microneedle Patches Market Size by Region

4.1.1 Global Vaccine Microneedle Patches Sales Quantity by Region (2020-2031)

4.1.2 Global Vaccine Microneedle Patches Consumption Value by Region (2020-2031)

4.1.3 Global Vaccine Microneedle Patches Average Price by Region (2020-2031)

4.2 North America Vaccine Microneedle Patches Consumption Value (2020-2031)

4.3 Europe Vaccine Microneedle Patches Consumption Value (2020-2031)

4.4 Asia-Pacific Vaccine Microneedle Patches Consumption Value (2020-2031)

4.5 South America Vaccine Microneedle Patches Consumption Value (2020-2031)

4.6 Middle East & Africa Vaccine Microneedle Patches Consumption Value (2020-2031)

5 MARKET SEGMENT BY TYPE

5.1 Global Vaccine Microneedle Patches Sales Quantity by Type (2020-2031)

5.2 Global Vaccine Microneedle Patches Consumption Value by Type (2020-2031)

5.3 Global Vaccine Microneedle Patches Average Price by Type (2020-2031)

6 MARKET SEGMENT BY APPLICATION

6.1 Global Vaccine Microneedle Patches Sales Quantity by Application (2020-2031)

6.2 Global Vaccine Microneedle Patches Consumption Value by Application

(2020-2031)

6.3 Global Vaccine Microneedle Patches Average Price by Application (2020-2031)

7 NORTH AMERICA

7.1 North America Vaccine Microneedle Patches Sales Quantity by Type (2020-2031)

7.2 North America Vaccine Microneedle Patches Sales Quantity by Application (2020-2031)

7.3 North America Vaccine Microneedle Patches Market Size by Country

7.3.1 North America Vaccine Microneedle Patches Sales Quantity by Country (2020-2031)

7.3.2 North America Vaccine Microneedle Patches Consumption Value by Country (2020-2031)

7.3.3 United States Market Size and Forecast (2020-2031)

7.3.4 Canada Market Size and Forecast (2020-2031)

7.3.5 Mexico Market Size and Forecast (2020-2031)

8 EUROPE

8.1 Europe Vaccine Microneedle Patches Sales Quantity by Type (2020-2031)

8.2 Europe Vaccine Microneedle Patches Sales Quantity by Application (2020-2031)

8.3 Europe Vaccine Microneedle Patches Market Size by Country

8.3.1 Europe Vaccine Microneedle Patches Sales Quantity by Country (2020-2031)

8.3.2 Europe Vaccine Microneedle Patches Consumption Value by Country (2020-2031)

8.3.3 Germany Market Size and Forecast (2020-2031)

8.3.4 France Market Size and Forecast (2020-2031)

8.3.5 United Kingdom Market Size and Forecast (2020-2031)

8.3.6 Russia Market Size and Forecast (2020-2031)

8.3.7 Italy Market Size and Forecast (2020-2031)

9 ASIA-PACIFIC

9.1 Asia-Pacific Vaccine Microneedle Patches Sales Quantity by Type (2020-2031)

9.2 Asia-Pacific Vaccine Microneedle Patches Sales Quantity by Application (2020-2031)

9.3 Asia-Pacific Vaccine Microneedle Patches Market Size by Region

9.3.1 Asia-Pacific Vaccine Microneedle Patches Sales Quantity by Region (2020-2031)

9.3.2 Asia-Pacific Vaccine Microneedle Patches Consumption Value by Region (2020-2031)

9.3.3 China Market Size and Forecast (2020-2031)

9.3.4 Japan Market Size and Forecast (2020-2031)

9.3.5 South Korea Market Size and Forecast (2020-2031)

9.3.6 India Market Size and Forecast (2020-2031)

9.3.7 Southeast Asia Market Size and Forecast (2020-2031)

9.3.8 Australia Market Size and Forecast (2020-2031)

10 SOUTH AMERICA

10.1 South America Vaccine Microneedle Patches Sales Quantity by Type (2020-2031)

10.2 South America Vaccine Microneedle Patches Sales Quantity by Application (2020-2031)

10.3 South America Vaccine Microneedle Patches Market Size by Country

10.3.1 South America Vaccine Microneedle Patches Sales Quantity by Country (2020-2031)

10.3.2 South America Vaccine Microneedle Patches Consumption Value by Country (2020-2031)

10.3.3 Brazil Market Size and Forecast (2020-2031)

10.3.4 Argentina Market Size and Forecast (2020-2031)

11 MIDDLE EAST & AFRICA

11.1 Middle East & Africa Vaccine Microneedle Patches Sales Quantity by Type (2020-2031)

11.2 Middle East & Africa Vaccine Microneedle Patches Sales Quantity by Application (2020-2031)

11.3 Middle East & Africa Vaccine Microneedle Patches Market Size by Country

11.3.1 Middle East & Africa Vaccine Microneedle Patches Sales Quantity by Country (2020-2031)

11.3.2 Middle East & Africa Vaccine Microneedle Patches Consumption Value by Country (2020-2031)

11.3.3 Turkey Market Size and Forecast (2020-2031)

11.3.4 Egypt Market Size and Forecast (2020-2031)

11.3.5 Saudi Arabia Market Size and Forecast (2020-2031)

11.3.6 South Africa Market Size and Forecast (2020-2031)

12 MARKET DYNAMICS

- 12.1 Vaccine Microneedle Patches Market Drivers
- 12.2 Vaccine Microneedle Patches Market Restraints
- 12.3 Vaccine Microneedle Patches Trends Analysis
- 12.4 Porters Five Forces Analysis
 - 12.4.1 Threat of New Entrants
 - 12.4.2 Bargaining Power of Suppliers
 - 12.4.3 Bargaining Power of Buyers
 - 12.4.4 Threat of Substitutes
 - 12.4.5 Competitive Rivalry

13 RAW MATERIAL AND INDUSTRY CHAIN

- 13.1 Raw Material of Vaccine Microneedle Patches and Key Manufacturers
- 13.2 Manufacturing Costs Percentage of Vaccine Microneedle Patches
- 13.3 Vaccine Microneedle Patches Production Process
- 13.4 Industry Value Chain Analysis

14 SHIPMENTS BY DISTRIBUTION CHANNEL

- 14.1 Sales Channel
 - 14.1.1 Direct to End-User
 - 14.1.2 Distributors
- 14.2 Vaccine Microneedle Patches Typical Distributors
- 14.3 Vaccine Microneedle Patches Typical Customers

15 RESEARCH FINDINGS AND CONCLUSION

16 APPENDIX

- 16.1 Methodology
- 16.2 Research Process and Data Source
- 16.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. Global Vaccine Microneedle Patches Consumption Value by Type, (USD Million), 2020 & 2024 & 2031

Table 2. Global Vaccine Microneedle Patches Consumption Value by Application, (USD Million), 2020 & 2024 & 2031

Table 3. CosMED Pharmaceutical Basic Information, Manufacturing Base and Competitors

Table 4. CosMED Pharmaceutical Major Business

Table 5. CosMED Pharmaceutical Vaccine Microneedle Patches Product and Services

Table 6. CosMED Pharmaceutical Vaccine Microneedle Patches Sales Quantity (K Pcs), Average Price (US\$/Pc), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 7. CosMED Pharmaceutical Recent Developments/Updates

Table 8. Raphas Basic Information, Manufacturing Base and Competitors

Table 9. Raphas Major Business

Table 10. Raphas Vaccine Microneedle Patches Product and Services

Table 11. Raphas Vaccine Microneedle Patches Sales Quantity (K Pcs), Average Price (US\$/Pc), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 12. Raphas Recent Developments/Updates

Table 13. Micron Biomedical Basic Information, Manufacturing Base and Competitors

Table 14. Micron Biomedical Major Business

Table 15. Micron Biomedical Vaccine Microneedle Patches Product and Services

Table 16. Micron Biomedical Vaccine Microneedle Patches Sales Quantity (K Pcs), Average Price (US\$/Pc), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 17. Micron Biomedical Recent Developments/Updates

Table 18. VaxessTechnologies Basic Information, Manufacturing Base and Competitors

Table 19. VaxessTechnologies Major Business

Table 20. VaxessTechnologies Vaccine Microneedle Patches Product and Services

Table 21. VaxessTechnologies Vaccine Microneedle Patches Sales Quantity (K Pcs), Average Price (US\$/Pc), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 22. VaxessTechnologies Recent Developments/Updates

Table 23. WCC Biomedical Basic Information, Manufacturing Base and Competitors

Table 24. WCC Biomedical Major Business

Table 25. WCC Biomedical Vaccine Microneedle Patches Product and Services

Table 26. WCC Biomedical Vaccine Microneedle Patches Sales Quantity (K Pcs), Average Price (US\$/Pc), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 27. WCC Biomedical Recent Developments/Updates

Table 28. Shenzhen Qinglan Biotechnology Basic Information, Manufacturing Base and Competitors

Table 29. Shenzhen Qinglan Biotechnology Major Business

Table 30. Shenzhen Qinglan Biotechnology Vaccine Microneedle Patches Product and Services

Table 31. Shenzhen Qinglan Biotechnology Vaccine Microneedle Patches Sales Quantity (K Pcs), Average Price (US\$/Pc), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 32. Shenzhen Qinglan Biotechnology Recent Developments/Updates

Table 33. Zhuhai Youwe Biotechnology Basic Information, Manufacturing Base and Competitors

Table 34. Zhuhai Youwe Biotechnology Major Business

Table 35. Zhuhai Youwe Biotechnology Vaccine Microneedle Patches Product and Services

Table 36. Zhuhai Youwe Biotechnology Vaccine Microneedle Patches Sales Quantity (K Pcs), Average Price (US\$/Pc), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 37. Zhuhai Youwe Biotechnology Recent Developments/Updates

Table 38. Global Vaccine Microneedle Patches Sales Quantity by Manufacturer (2020-2025) & (K Pcs)

Table 39. Global Vaccine Microneedle Patches Revenue by Manufacturer (2020-2025) & (USD Million)

Table 40. Global Vaccine Microneedle Patches Average Price by Manufacturer (2020-2025) & (US\$/Pc)

Table 41. Market Position of Manufacturers in Vaccine Microneedle Patches, (Tier 1, Tier 2, and Tier 3), Based on Revenue in 2024

Table 42. Head Office and Vaccine Microneedle Patches Production Site of Key Manufacturer

Table 43. Vaccine Microneedle Patches Market: Company Product Type Footprint

Table 44. Vaccine Microneedle Patches Market: Company Product Application Footprint

Table 45. Vaccine Microneedle Patches New Market Entrants and Barriers to Market Entry

Table 46. Vaccine Microneedle Patches Mergers, Acquisition, Agreements, and Collaborations

Table 47. Global Vaccine Microneedle Patches Consumption Value by Region

(2020-2024-2031) & (USD Million) & CAGR

Table 48. Global Vaccine Microneedle Patches Sales Quantity by Region (2020-2025) & (K Pcs)

Table 49. Global Vaccine Microneedle Patches Sales Quantity by Region (2026-2031) & (K Pcs)

Table 50. Global Vaccine Microneedle Patches Consumption Value by Region (2020-2025) & (USD Million)

Table 51. Global Vaccine Microneedle Patches Consumption Value by Region (2026-2031) & (USD Million)

Table 52. Global Vaccine Microneedle Patches Average Price by Region (2020-2025) & (US\$/Pc)

Table 53. Global Vaccine Microneedle Patches Average Price by Region (2026-2031) & (US\$/Pc)

Table 54. Global Vaccine Microneedle Patches Sales Quantity by Type (2020-2025) & (K Pcs)

Table 55. Global Vaccine Microneedle Patches Sales Quantity by Type (2026-2031) & (K Pcs)

Table 56. Global Vaccine Microneedle Patches Consumption Value by Type (2020-2025) & (USD Million)

Table 57. Global Vaccine Microneedle Patches Consumption Value by Type (2026-2031) & (USD Million)

Table 58. Global Vaccine Microneedle Patches Average Price by Type (2020-2025) & (US\$/Pc)

Table 59. Global Vaccine Microneedle Patches Average Price by Type (2026-2031) & (US\$/Pc)

Table 60. Global Vaccine Microneedle Patches Sales Quantity by Application (2020-2025) & (K Pcs)

Table 61. Global Vaccine Microneedle Patches Sales Quantity by Application (2026-2031) & (K Pcs)

Table 62. Global Vaccine Microneedle Patches Consumption Value by Application (2020-2025) & (USD Million)

Table 63. Global Vaccine Microneedle Patches Consumption Value by Application (2026-2031) & (USD Million)

Table 64. Global Vaccine Microneedle Patches Average Price by Application (2020-2025) & (US\$/Pc)

Table 65. Global Vaccine Microneedle Patches Average Price by Application (2026-2031) & (US\$/Pc)

Table 66. North America Vaccine Microneedle Patches Sales Quantity by Type (2020-2025) & (K Pcs)

Table 67. North America Vaccine Microneedle Patches Sales Quantity by Type (2026-2031) & (K Pcs)

Table 68. North America Vaccine Microneedle Patches Sales Quantity by Application (2020-2025) & (K Pcs)

Table 69. North America Vaccine Microneedle Patches Sales Quantity by Application (2026-2031) & (K Pcs)

Table 70. North America Vaccine Microneedle Patches Sales Quantity by Country (2020-2025) & (K Pcs)

Table 71. North America Vaccine Microneedle Patches Sales Quantity by Country (2026-2031) & (K Pcs)

Table 72. North America Vaccine Microneedle Patches Consumption Value by Country (2020-2025) & (USD Million)

Table 73. North America Vaccine Microneedle Patches Consumption Value by Country (2026-2031) & (USD Million)

Table 74. Europe Vaccine Microneedle Patches Sales Quantity by Type (2020-2025) & (K Pcs)

Table 75. Europe Vaccine Microneedle Patches Sales Quantity by Type (2026-2031) & (K Pcs)

Table 76. Europe Vaccine Microneedle Patches Sales Quantity by Application (2020-2025) & (K Pcs)

Table 77. Europe Vaccine Microneedle Patches Sales Quantity by Application (2026-2031) & (K Pcs)

Table 78. Europe Vaccine Microneedle Patches Sales Quantity by Country (2020-2025) & (K Pcs)

Table 79. Europe Vaccine Microneedle Patches Sales Quantity by Country (2026-2031) & (K Pcs)

Table 80. Europe Vaccine Microneedle Patches Consumption Value by Country (2020-2025) & (USD Million)

Table 81. Europe Vaccine Microneedle Patches Consumption Value by Country (2026-2031) & (USD Million)

Table 82. Asia-Pacific Vaccine Microneedle Patches Sales Quantity by Type (2020-2025) & (K Pcs)

Table 83. Asia-Pacific Vaccine Microneedle Patches Sales Quantity by Type (2026-2031) & (K Pcs)

Table 84. Asia-Pacific Vaccine Microneedle Patches Sales Quantity by Application (2020-2025) & (K Pcs)

Table 85. Asia-Pacific Vaccine Microneedle Patches Sales Quantity by Application (2026-2031) & (K Pcs)

Table 86. Asia-Pacific Vaccine Microneedle Patches Sales Quantity by Region

(2020-2025) & (K Pcs)

Table 87. Asia-Pacific Vaccine Microneedle Patches Sales Quantity by Region

(2026-2031) & (K Pcs)

Table 88. Asia-Pacific Vaccine Microneedle Patches Consumption Value by Region

(2020-2025) & (USD Million)

Table 89. Asia-Pacific Vaccine Microneedle Patches Consumption Value by Region

(2026-2031) & (USD Million)

Table 90. South America Vaccine Microneedle Patches Sales Quantity by Type

(2020-2025) & (K Pcs)

Table 91. South America Vaccine Microneedle Patches Sales Quantity by Type

(2026-2031) & (K Pcs)

Table 92. South America Vaccine Microneedle Patches Sales Quantity by Application

(2020-2025) & (K Pcs)

Table 93. South America Vaccine Microneedle Patches Sales Quantity by Application

(2026-2031) & (K Pcs)

Table 94. South America Vaccine Microneedle Patches Sales Quantity by Country

(2020-2025) & (K Pcs)

Table 95. South America Vaccine Microneedle Patches Sales Quantity by Country

(2026-2031) & (K Pcs)

Table 96. South America Vaccine Microneedle Patches Consumption Value by Country
(2020-2025) & (USD Million)

Table 97. South America Vaccine Microneedle Patches Consumption Value by Country
(2026-2031) & (USD Million)

Table 98. Middle East & Africa Vaccine Microneedle Patches Sales Quantity by Type
(2020-2025) & (K Pcs)

Table 99. Middle East & Africa Vaccine Microneedle Patches Sales Quantity by Type
(2026-2031) & (K Pcs)

Table 100. Middle East & Africa Vaccine Microneedle Patches Sales Quantity by
Application (2020-2025) & (K Pcs)

Table 101. Middle East & Africa Vaccine Microneedle Patches Sales Quantity by
Application (2026-2031) & (K Pcs)

Table 102. Middle East & Africa Vaccine Microneedle Patches Sales Quantity by
Country (2020-2025) & (K Pcs)

Table 103. Middle East & Africa Vaccine Microneedle Patches Sales Quantity by
Country (2026-2031) & (K Pcs)

Table 104. Middle East & Africa Vaccine Microneedle Patches Consumption Value by
Country (2020-2025) & (USD Million)

Table 105. Middle East & Africa Vaccine Microneedle Patches Consumption Value by
Country (2026-2031) & (USD Million)

Table 106. Vaccine Microneedle Patches Raw Material

Table 107. Key Manufacturers of Vaccine Microneedle Patches Raw Materials

Table 108. Vaccine Microneedle Patches Typical Distributors

Table 109. Vaccine Microneedle Patches Typical Customers

List Of Figures

LIST OF FIGURES

- Figure 1. Vaccine Microneedle Patches Picture
- Figure 2. Global Vaccine Microneedle Patches Revenue by Type, (USD Million), 2020 & 2024 & 2031
- Figure 3. Global Vaccine Microneedle Patches Revenue Market Share by Type in 2024
- Figure 4. Silicon Material Examples
- Figure 5. Polymers Material Examples
- Figure 6. Others Examples
- Figure 7. Global Vaccine Microneedle Patches Consumption Value by Application, (USD Million), 2020 & 2024 & 2031
- Figure 8. Global Vaccine Microneedle Patches Revenue Market Share by Application in 2024
- Figure 9. COVID-19 Vaccine Examples
- Figure 10. Enterovirus 71 Vaccine Examples
- Figure 11. Other Vaccines Examples
- Figure 12. Global Vaccine Microneedle Patches Consumption Value, (USD Million): 2020 & 2024 & 2031
- Figure 13. Global Vaccine Microneedle Patches Consumption Value and Forecast (2020-2031) & (USD Million)
- Figure 14. Global Vaccine Microneedle Patches Sales Quantity (2020-2031) & (K Pcs)
- Figure 15. Global Vaccine Microneedle Patches Price (2020-2031) & (US\$/Pc)
- Figure 16. Global Vaccine Microneedle Patches Sales Quantity Market Share by Manufacturer in 2024
- Figure 17. Global Vaccine Microneedle Patches Revenue Market Share by Manufacturer in 2024
- Figure 18. Producer Shipments of Vaccine Microneedle Patches by Manufacturer Sales (\$MM) and Market Share (%): 2024
- Figure 19. Top 3 Vaccine Microneedle Patches Manufacturer (Revenue) Market Share in 2024
- Figure 20. Top 6 Vaccine Microneedle Patches Manufacturer (Revenue) Market Share in 2024
- Figure 21. Global Vaccine Microneedle Patches Sales Quantity Market Share by Region (2020-2031)
- Figure 22. Global Vaccine Microneedle Patches Consumption Value Market Share by Region (2020-2031)
- Figure 23. North America Vaccine Microneedle Patches Consumption Value

(2020-2031) & (USD Million)

Figure 24. Europe Vaccine Microneedle Patches Consumption Value (2020-2031) & (USD Million)

Figure 25. Asia-Pacific Vaccine Microneedle Patches Consumption Value (2020-2031) & (USD Million)

Figure 26. South America Vaccine Microneedle Patches Consumption Value (2020-2031) & (USD Million)

Figure 27. Middle East & Africa Vaccine Microneedle Patches Consumption Value (2020-2031) & (USD Million)

Figure 28. Global Vaccine Microneedle Patches Sales Quantity Market Share by Type (2020-2031)

Figure 29. Global Vaccine Microneedle Patches Consumption Value Market Share by Type (2020-2031)

Figure 30. Global Vaccine Microneedle Patches Average Price by Type (2020-2031) & (US\$/Pc)

Figure 31. Global Vaccine Microneedle Patches Sales Quantity Market Share by Application (2020-2031)

Figure 32. Global Vaccine Microneedle Patches Revenue Market Share by Application (2020-2031)

Figure 33. Global Vaccine Microneedle Patches Average Price by Application (2020-2031) & (US\$/Pc)

Figure 34. North America Vaccine Microneedle Patches Sales Quantity Market Share by Type (2020-2031)

Figure 35. North America Vaccine Microneedle Patches Sales Quantity Market Share by Application (2020-2031)

Figure 36. North America Vaccine Microneedle Patches Sales Quantity Market Share by Country (2020-2031)

Figure 37. North America Vaccine Microneedle Patches Consumption Value Market Share by Country (2020-2031)

Figure 38. United States Vaccine Microneedle Patches Consumption Value (2020-2031) & (USD Million)

Figure 39. Canada Vaccine Microneedle Patches Consumption Value (2020-2031) & (USD Million)

Figure 40. Mexico Vaccine Microneedle Patches Consumption Value (2020-2031) & (USD Million)

Figure 41. Europe Vaccine Microneedle Patches Sales Quantity Market Share by Type (2020-2031)

Figure 42. Europe Vaccine Microneedle Patches Sales Quantity Market Share by Application (2020-2031)

Figure 43. Europe Vaccine Microneedle Patches Sales Quantity Market Share by Country (2020-2031)

Figure 44. Europe Vaccine Microneedle Patches Consumption Value Market Share by Country (2020-2031)

Figure 45. Germany Vaccine Microneedle Patches Consumption Value (2020-2031) & (USD Million)

Figure 46. France Vaccine Microneedle Patches Consumption Value (2020-2031) & (USD Million)

Figure 47. United Kingdom Vaccine Microneedle Patches Consumption Value (2020-2031) & (USD Million)

Figure 48. Russia Vaccine Microneedle Patches Consumption Value (2020-2031) & (USD Million)

Figure 49. Italy Vaccine Microneedle Patches Consumption Value (2020-2031) & (USD Million)

Figure 50. Asia-Pacific Vaccine Microneedle Patches Sales Quantity Market Share by Type (2020-2031)

Figure 51. Asia-Pacific Vaccine Microneedle Patches Sales Quantity Market Share by Application (2020-2031)

Figure 52. Asia-Pacific Vaccine Microneedle Patches Sales Quantity Market Share by Region (2020-2031)

Figure 53. Asia-Pacific Vaccine Microneedle Patches Consumption Value Market Share by Region (2020-2031)

Figure 54. China Vaccine Microneedle Patches Consumption Value (2020-2031) & (USD Million)

Figure 55. Japan Vaccine Microneedle Patches Consumption Value (2020-2031) & (USD Million)

Figure 56. South Korea Vaccine Microneedle Patches Consumption Value (2020-2031) & (USD Million)

Figure 57. India Vaccine Microneedle Patches Consumption Value (2020-2031) & (USD Million)

Figure 58. Southeast Asia Vaccine Microneedle Patches Consumption Value (2020-2031) & (USD Million)

Figure 59. Australia Vaccine Microneedle Patches Consumption Value (2020-2031) & (USD Million)

Figure 60. South America Vaccine Microneedle Patches Sales Quantity Market Share by Type (2020-2031)

Figure 61. South America Vaccine Microneedle Patches Sales Quantity Market Share by Application (2020-2031)

Figure 62. South America Vaccine Microneedle Patches Sales Quantity Market Share

by Country (2020-2031)

Figure 63. South America Vaccine Microneedle Patches Consumption Value Market Share by Country (2020-2031)

Figure 64. Brazil Vaccine Microneedle Patches Consumption Value (2020-2031) & (USD Million)

Figure 65. Argentina Vaccine Microneedle Patches Consumption Value (2020-2031) & (USD Million)

Figure 66. Middle East & Africa Vaccine Microneedle Patches Sales Quantity Market Share by Type (2020-2031)

Figure 67. Middle East & Africa Vaccine Microneedle Patches Sales Quantity Market Share by Application (2020-2031)

Figure 68. Middle East & Africa Vaccine Microneedle Patches Sales Quantity Market Share by Country (2020-2031)

Figure 69. Middle East & Africa Vaccine Microneedle Patches Consumption Value Market Share by Country (2020-2031)

Figure 70. Turkey Vaccine Microneedle Patches Consumption Value (2020-2031) & (USD Million)

Figure 71. Egypt Vaccine Microneedle Patches Consumption Value (2020-2031) & (USD Million)

Figure 72. Saudi Arabia Vaccine Microneedle Patches Consumption Value (2020-2031) & (USD Million)

Figure 73. South Africa Vaccine Microneedle Patches Consumption Value (2020-2031) & (USD Million)

Figure 74. Vaccine Microneedle Patches Market Drivers

Figure 75. Vaccine Microneedle Patches Market Restraints

Figure 76. Vaccine Microneedle Patches Market Trends

Figure 77. Porters Five Forces Analysis

Figure 78. Manufacturing Cost Structure Analysis of Vaccine Microneedle Patches in 2024

Figure 79. Manufacturing Process Analysis of Vaccine Microneedle Patches

Figure 80. Vaccine Microneedle Patches Industrial Chain

Figure 81. Sales Channel: Direct to End-User vs Distributors

Figure 82. Direct Channel Pros & Cons

Figure 83. Indirect Channel Pros & Cons

Figure 84. Methodology

Figure 85. Research Process and Data Source

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