

# Global Painless Microneedle Patch 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 Painless Microneedle Patch market size was valued at US\$ 1051 million in 2024 and is forecast to a readjusted size of USD 1424 million by 2031 with a CAGR of 4.5% 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.

The Painless Microneedle Patch is an innovative medical device that utilizes tiny, precisely engineered needles, known as microneedles, to deliver drugs, vaccines, or other therapeutic agents into the skin without causing significant pain or discomfort. These microneedles are extremely fine and designed to penetrate only the outermost layers of the skin, known as the epidermis, which is rich in nerve endings and typically sensitive to pain.

This report is a detailed and comprehensive analysis for global Painless Microneedle Patch 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 Painless Microneedle Patch market size and forecasts, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2020-2031

Global Painless Microneedle Patch market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2020-2031

Global Painless Microneedle Patch market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2020-2031

Global Painless Microneedle Patch market shares of main players, shipments in revenue (\$ Million), sales quantity (K Units), and ASP (US\$/Unit), 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 Painless Microneedle Patch
- 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 Painless Microneedle Patch 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 Nissha, Micron Biomedical, Bela LAB, Skyn ICELAND, Raphas, Dermaject, Micropoint Technologies, CosMED Pharmaceutica, Win Coat Corporation, etc.

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

### **Market Segmentation**

Painless Microneedle Patch 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**

Solid Microneedles

Hollow Microneedles

Coated Microneedles

Dissolvable/Dissolving Microneedles

**Market segment by Application**

Medical

Beauty

**Major players covered**

Nissha

Micron Biomedical

Bela LAB

Skyn ICELAND

Raphas

Dermaject

Micropoint Technologies

CosMED Pharmaceutica

Win Coat Corporation

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 Painless Microneedle Patch product scope, market overview, market estimation caveats and base year.

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

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

Chapter 4, the Painless Microneedle Patch 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 Painless Microneedle Patch 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 Painless Microneedle Patch.

Chapter 14 and 15, to describe Painless Microneedle Patch 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 Painless Microneedle Patch Consumption Value by Type: 2020 Versus 2024 Versus 2031

1.3.2 Solid Microneedles

1.3.3 Hollow Microneedles

1.3.4 Coated Microneedles

1.3.5 Dissolvable/Dissolving Microneedles

1.4 Market Analysis by Application

1.4.1 Overview: Global Painless Microneedle Patch Consumption Value by Application: 2020 Versus 2024 Versus 2031

1.4.2 Medical

1.4.3 Beauty

1.5 Global Painless Microneedle Patch Market Size & Forecast

1.5.1 Global Painless Microneedle Patch Consumption Value (2020 & 2024 & 2031)

1.5.2 Global Painless Microneedle Patch Sales Quantity (2020-2031)

1.5.3 Global Painless Microneedle Patch Average Price (2020-2031)

### 2 MANUFACTURERS PROFILES

2.1 Nissha

2.1.1 Nissha Details

2.1.2 Nissha Major Business

2.1.3 Nissha Painless Microneedle Patch Product and Services

2.1.4 Nissha Painless Microneedle Patch Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.1.5 Nissha Recent Developments/Updates

2.2 Micron Biomedical

2.2.1 Micron Biomedical Details

2.2.2 Micron Biomedical Major Business

2.2.3 Micron Biomedical Painless Microneedle Patch Product and Services

2.2.4 Micron Biomedical Painless Microneedle Patch Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.2.5 Micron Biomedical Recent Developments/Updates

## 2.3 Bela LAB

### 2.3.1 Bela LAB Details

### 2.3.2 Bela LAB Major Business

### 2.3.3 Bela LAB Painless Microneedle Patch Product and Services

### 2.3.4 Bela LAB Painless Microneedle Patch Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

### 2.3.5 Bela LAB Recent Developments/Updates

## 2.4 Skyn ICELAND

### 2.4.1 Skyn ICELAND Details

### 2.4.2 Skyn ICELAND Major Business

### 2.4.3 Skyn ICELAND Painless Microneedle Patch Product and Services

### 2.4.4 Skyn ICELAND Painless Microneedle Patch Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

### 2.4.5 Skyn ICELAND Recent Developments/Updates

## 2.5 Raphas

### 2.5.1 Raphas Details

### 2.5.2 Raphas Major Business

### 2.5.3 Raphas Painless Microneedle Patch Product and Services

### 2.5.4 Raphas Painless Microneedle Patch Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

### 2.5.5 Raphas Recent Developments/Updates

## 2.6 Dermaject

### 2.6.1 Dermaject Details

### 2.6.2 Dermaject Major Business

### 2.6.3 Dermaject Painless Microneedle Patch Product and Services

### 2.6.4 Dermaject Painless Microneedle Patch Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

### 2.6.5 Dermaject Recent Developments/Updates

## 2.7 Micropoint Technologies

### 2.7.1 Micropoint Technologies Details

### 2.7.2 Micropoint Technologies Major Business

### 2.7.3 Micropoint Technologies Painless Microneedle Patch Product and Services

### 2.7.4 Micropoint Technologies Painless Microneedle Patch Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

### 2.7.5 Micropoint Technologies Recent Developments/Updates

## 2.8 CosMED Pharmaceutica

### 2.8.1 CosMED Pharmaceutica Details

### 2.8.2 CosMED Pharmaceutica Major Business

### 2.8.3 CosMED Pharmaceutica Painless Microneedle Patch Product and Services

2.8.4 CosMED Pharmaceutica Painless Microneedle Patch Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.8.5 CosMED Pharmaceutica Recent Developments/Updates

2.9 Win Coat Corporation

2.9.1 Win Coat Corporation Details

2.9.2 Win Coat Corporation Major Business

2.9.3 Win Coat Corporation Painless Microneedle Patch Product and Services

2.9.4 Win Coat Corporation Painless Microneedle Patch Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.9.5 Win Coat Corporation Recent Developments/Updates

### **3 COMPETITIVE ENVIRONMENT: PAINLESS MICRONEEDLE PATCH BY MANUFACTURER**

3.1 Global Painless Microneedle Patch Sales Quantity by Manufacturer (2020-2025)

3.2 Global Painless Microneedle Patch Revenue by Manufacturer (2020-2025)

3.3 Global Painless Microneedle Patch Average Price by Manufacturer (2020-2025)

3.4 Market Share Analysis (2024)

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

3.4.2 Top 3 Painless Microneedle Patch Manufacturer Market Share in 2024

3.4.3 Top 6 Painless Microneedle Patch Manufacturer Market Share in 2024

3.5 Painless Microneedle Patch Market: Overall Company Footprint Analysis

3.5.1 Painless Microneedle Patch Market: Region Footprint

3.5.2 Painless Microneedle Patch Market: Company Product Type Footprint

3.5.3 Painless Microneedle Patch 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 Painless Microneedle Patch Market Size by Region

4.1.1 Global Painless Microneedle Patch Sales Quantity by Region (2020-2031)

4.1.2 Global Painless Microneedle Patch Consumption Value by Region (2020-2031)

4.1.3 Global Painless Microneedle Patch Average Price by Region (2020-2031)

4.2 North America Painless Microneedle Patch Consumption Value (2020-2031)

4.3 Europe Painless Microneedle Patch Consumption Value (2020-2031)

4.4 Asia-Pacific Painless Microneedle Patch Consumption Value (2020-2031)

4.5 South America Painless Microneedle Patch Consumption Value (2020-2031)

4.6 Middle East & Africa Painless Microneedle Patch Consumption Value (2020-2031)

## **5 MARKET SEGMENT BY TYPE**

5.1 Global Painless Microneedle Patch Sales Quantity by Type (2020-2031)

5.2 Global Painless Microneedle Patch Consumption Value by Type (2020-2031)

5.3 Global Painless Microneedle Patch Average Price by Type (2020-2031)

## **6 MARKET SEGMENT BY APPLICATION**

6.1 Global Painless Microneedle Patch Sales Quantity by Application (2020-2031)

6.2 Global Painless Microneedle Patch Consumption Value by Application (2020-2031)

6.3 Global Painless Microneedle Patch Average Price by Application (2020-2031)

## **7 NORTH AMERICA**

7.1 North America Painless Microneedle Patch Sales Quantity by Type (2020-2031)

7.2 North America Painless Microneedle Patch Sales Quantity by Application (2020-2031)

7.3 North America Painless Microneedle Patch Market Size by Country

7.3.1 North America Painless Microneedle Patch Sales Quantity by Country (2020-2031)

7.3.2 North America Painless Microneedle Patch 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 Painless Microneedle Patch Sales Quantity by Type (2020-2031)

8.2 Europe Painless Microneedle Patch Sales Quantity by Application (2020-2031)

8.3 Europe Painless Microneedle Patch Market Size by Country

8.3.1 Europe Painless Microneedle Patch Sales Quantity by Country (2020-2031)

8.3.2 Europe Painless Microneedle Patch 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 Painless Microneedle Patch Sales Quantity by Type (2020-2031)

### 9.2 Asia-Pacific Painless Microneedle Patch Sales Quantity by Application (2020-2031)

### 9.3 Asia-Pacific Painless Microneedle Patch Market Size by Region

#### 9.3.1 Asia-Pacific Painless Microneedle Patch Sales Quantity by Region (2020-2031)

#### 9.3.2 Asia-Pacific Painless Microneedle Patch 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 Painless Microneedle Patch Sales Quantity by Type (2020-2031)

### 10.2 South America Painless Microneedle Patch Sales Quantity by Application (2020-2031)

### 10.3 South America Painless Microneedle Patch Market Size by Country

#### 10.3.1 South America Painless Microneedle Patch Sales Quantity by Country (2020-2031)

#### 10.3.2 South America Painless Microneedle Patch 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 Painless Microneedle Patch Sales Quantity by Type (2020-2031)

### 11.2 Middle East & Africa Painless Microneedle Patch Sales Quantity by Application (2020-2031)

### 11.3 Middle East & Africa Painless Microneedle Patch Market Size by Country

#### 11.3.1 Middle East & Africa Painless Microneedle Patch Sales Quantity by Country (2020-2031)

11.3.2 Middle East & Africa Painless Microneedle Patch 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 Painless Microneedle Patch Market Drivers

12.2 Painless Microneedle Patch Market Restraints

12.3 Painless Microneedle Patch 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 Painless Microneedle Patch and Key Manufacturers

13.2 Manufacturing Costs Percentage of Painless Microneedle Patch

13.3 Painless Microneedle Patch 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 Painless Microneedle Patch Typical Distributors

14.3 Painless Microneedle Patch 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 Painless Microneedle Patch Consumption Value by Type, (USD Million), 2020 & 2024 & 2031

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

Table 3. Nissha Basic Information, Manufacturing Base and Competitors

Table 4. Nissha Major Business

Table 5. Nissha Painless Microneedle Patch Product and Services

Table 6. Nissha Painless Microneedle Patch Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 7. Nissha Recent Developments/Updates

Table 8. Micron Biomedical Basic Information, Manufacturing Base and Competitors

Table 9. Micron Biomedical Major Business

Table 10. Micron Biomedical Painless Microneedle Patch Product and Services

Table 11. Micron Biomedical Painless Microneedle Patch Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 12. Micron Biomedical Recent Developments/Updates

Table 13. Bela LAB Basic Information, Manufacturing Base and Competitors

Table 14. Bela LAB Major Business

Table 15. Bela LAB Painless Microneedle Patch Product and Services

Table 16. Bela LAB Painless Microneedle Patch Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 17. Bela LAB Recent Developments/Updates

Table 18. Skyn ICELAND Basic Information, Manufacturing Base and Competitors

Table 19. Skyn ICELAND Major Business

Table 20. Skyn ICELAND Painless Microneedle Patch Product and Services

Table 21. Skyn ICELAND Painless Microneedle Patch Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 22. Skyn ICELAND Recent Developments/Updates

Table 23. Raphas Basic Information, Manufacturing Base and Competitors

Table 24. Raphas Major Business

Table 25. Raphas Painless Microneedle Patch Product and Services

Table 26. Raphas Painless Microneedle Patch Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

- Table 27. Raphas Recent Developments/Updates
- Table 28. Dermaject Basic Information, Manufacturing Base and Competitors
- Table 29. Dermaject Major Business
- Table 30. Dermaject Painless Microneedle Patch Product and Services
- Table 31. Dermaject Painless Microneedle Patch Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)
- Table 32. Dermaject Recent Developments/Updates
- Table 33. Micropoint Technologies Basic Information, Manufacturing Base and Competitors
- Table 34. Micropoint Technologies Major Business
- Table 35. Micropoint Technologies Painless Microneedle Patch Product and Services
- Table 36. Micropoint Technologies Painless Microneedle Patch Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)
- Table 37. Micropoint Technologies Recent Developments/Updates
- Table 38. CosMED Pharmaceutica Basic Information, Manufacturing Base and Competitors
- Table 39. CosMED Pharmaceutica Major Business
- Table 40. CosMED Pharmaceutica Painless Microneedle Patch Product and Services
- Table 41. CosMED Pharmaceutica Painless Microneedle Patch Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)
- Table 42. CosMED Pharmaceutica Recent Developments/Updates
- Table 43. Win Coat Corporation Basic Information, Manufacturing Base and Competitors
- Table 44. Win Coat Corporation Major Business
- Table 45. Win Coat Corporation Painless Microneedle Patch Product and Services
- Table 46. Win Coat Corporation Painless Microneedle Patch Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)
- Table 47. Win Coat Corporation Recent Developments/Updates
- Table 48. Global Painless Microneedle Patch Sales Quantity by Manufacturer (2020-2025) & (K Units)
- Table 49. Global Painless Microneedle Patch Revenue by Manufacturer (2020-2025) & (USD Million)
- Table 50. Global Painless Microneedle Patch Average Price by Manufacturer (2020-2025) & (US\$/Unit)
- Table 51. Market Position of Manufacturers in Painless Microneedle Patch, (Tier 1, Tier 2, and Tier 3), Based on Revenue in 2024

Table 52. Head Office and Painless Microneedle Patch Production Site of Key Manufacturer

Table 53. Painless Microneedle Patch Market: Company Product Type Footprint

Table 54. Painless Microneedle Patch Market: Company Product Application Footprint

Table 55. Painless Microneedle Patch New Market Entrants and Barriers to Market Entry

Table 56. Painless Microneedle Patch Mergers, Acquisition, Agreements, and Collaborations

Table 57. Global Painless Microneedle Patch Consumption Value by Region (2020-2024-2031) & (USD Million) & CAGR

Table 58. Global Painless Microneedle Patch Sales Quantity by Region (2020-2025) & (K Units)

Table 59. Global Painless Microneedle Patch Sales Quantity by Region (2026-2031) & (K Units)

Table 60. Global Painless Microneedle Patch Consumption Value by Region (2020-2025) & (USD Million)

Table 61. Global Painless Microneedle Patch Consumption Value by Region (2026-2031) & (USD Million)

Table 62. Global Painless Microneedle Patch Average Price by Region (2020-2025) & (US\$/Unit)

Table 63. Global Painless Microneedle Patch Average Price by Region (2026-2031) & (US\$/Unit)

Table 64. Global Painless Microneedle Patch Sales Quantity by Type (2020-2025) & (K Units)

Table 65. Global Painless Microneedle Patch Sales Quantity by Type (2026-2031) & (K Units)

Table 66. Global Painless Microneedle Patch Consumption Value by Type (2020-2025) & (USD Million)

Table 67. Global Painless Microneedle Patch Consumption Value by Type (2026-2031) & (USD Million)

Table 68. Global Painless Microneedle Patch Average Price by Type (2020-2025) & (US\$/Unit)

Table 69. Global Painless Microneedle Patch Average Price by Type (2026-2031) & (US\$/Unit)

Table 70. Global Painless Microneedle Patch Sales Quantity by Application (2020-2025) & (K Units)

Table 71. Global Painless Microneedle Patch Sales Quantity by Application (2026-2031) & (K Units)

Table 72. Global Painless Microneedle Patch Consumption Value by Application

(2020-2025) & (USD Million)

Table 73. Global Painless Microneedle Patch Consumption Value by Application

(2026-2031) & (USD Million)

Table 74. Global Painless Microneedle Patch Average Price by Application (2020-2025) & (US\$/Unit)

Table 75. Global Painless Microneedle Patch Average Price by Application (2026-2031) & (US\$/Unit)

Table 76. North America Painless Microneedle Patch Sales Quantity by Type (2020-2025) & (K Units)

Table 77. North America Painless Microneedle Patch Sales Quantity by Type (2026-2031) & (K Units)

Table 78. North America Painless Microneedle Patch Sales Quantity by Application (2020-2025) & (K Units)

Table 79. North America Painless Microneedle Patch Sales Quantity by Application (2026-2031) & (K Units)

Table 80. North America Painless Microneedle Patch Sales Quantity by Country (2020-2025) & (K Units)

Table 81. North America Painless Microneedle Patch Sales Quantity by Country (2026-2031) & (K Units)

Table 82. North America Painless Microneedle Patch Consumption Value by Country (2020-2025) & (USD Million)

Table 83. North America Painless Microneedle Patch Consumption Value by Country (2026-2031) & (USD Million)

Table 84. Europe Painless Microneedle Patch Sales Quantity by Type (2020-2025) & (K Units)

Table 85. Europe Painless Microneedle Patch Sales Quantity by Type (2026-2031) & (K Units)

Table 86. Europe Painless Microneedle Patch Sales Quantity by Application (2020-2025) & (K Units)

Table 87. Europe Painless Microneedle Patch Sales Quantity by Application (2026-2031) & (K Units)

Table 88. Europe Painless Microneedle Patch Sales Quantity by Country (2020-2025) & (K Units)

Table 89. Europe Painless Microneedle Patch Sales Quantity by Country (2026-2031) & (K Units)

Table 90. Europe Painless Microneedle Patch Consumption Value by Country (2020-2025) & (USD Million)

Table 91. Europe Painless Microneedle Patch Consumption Value by Country (2026-2031) & (USD Million)

Table 92. Asia-Pacific Painless Microneedle Patch Sales Quantity by Type (2020-2025) & (K Units)

Table 93. Asia-Pacific Painless Microneedle Patch Sales Quantity by Type (2026-2031) & (K Units)

Table 94. Asia-Pacific Painless Microneedle Patch Sales Quantity by Application (2020-2025) & (K Units)

Table 95. Asia-Pacific Painless Microneedle Patch Sales Quantity by Application (2026-2031) & (K Units)

Table 96. Asia-Pacific Painless Microneedle Patch Sales Quantity by Region (2020-2025) & (K Units)

Table 97. Asia-Pacific Painless Microneedle Patch Sales Quantity by Region (2026-2031) & (K Units)

Table 98. Asia-Pacific Painless Microneedle Patch Consumption Value by Region (2020-2025) & (USD Million)

Table 99. Asia-Pacific Painless Microneedle Patch Consumption Value by Region (2026-2031) & (USD Million)

Table 100. South America Painless Microneedle Patch Sales Quantity by Type (2020-2025) & (K Units)

Table 101. South America Painless Microneedle Patch Sales Quantity by Type (2026-2031) & (K Units)

Table 102. South America Painless Microneedle Patch Sales Quantity by Application (2020-2025) & (K Units)

Table 103. South America Painless Microneedle Patch Sales Quantity by Application (2026-2031) & (K Units)

Table 104. South America Painless Microneedle Patch Sales Quantity by Country (2020-2025) & (K Units)

Table 105. South America Painless Microneedle Patch Sales Quantity by Country (2026-2031) & (K Units)

Table 106. South America Painless Microneedle Patch Consumption Value by Country (2020-2025) & (USD Million)

Table 107. South America Painless Microneedle Patch Consumption Value by Country (2026-2031) & (USD Million)

Table 108. Middle East & Africa Painless Microneedle Patch Sales Quantity by Type (2020-2025) & (K Units)

Table 109. Middle East & Africa Painless Microneedle Patch Sales Quantity by Type (2026-2031) & (K Units)

Table 110. Middle East & Africa Painless Microneedle Patch Sales Quantity by Application (2020-2025) & (K Units)

Table 111. Middle East & Africa Painless Microneedle Patch Sales Quantity by

Application (2026-2031) & (K Units)

Table 112. Middle East & Africa Painless Microneedle Patch Sales Quantity by Country (2020-2025) & (K Units)

Table 113. Middle East & Africa Painless Microneedle Patch Sales Quantity by Country (2026-2031) & (K Units)

Table 114. Middle East & Africa Painless Microneedle Patch Consumption Value by Country (2020-2025) & (USD Million)

Table 115. Middle East & Africa Painless Microneedle Patch Consumption Value by Country (2026-2031) & (USD Million)

Table 116. Painless Microneedle Patch Raw Material

Table 117. Key Manufacturers of Painless Microneedle Patch Raw Materials

Table 118. Painless Microneedle Patch Typical Distributors

Table 119. Painless Microneedle Patch Typical Customers

## List Of Figures

### LIST OF FIGURES

Figure 1. Painless Microneedle Patch Picture

Figure 2. Global Painless Microneedle Patch Revenue by Type, (USD Million), 2020 & 2024 & 2031

Figure 3. Global Painless Microneedle Patch Revenue Market Share by Type in 2024

Figure 4. Solid Microneedles Examples

Figure 5. Hollow Microneedles Examples

Figure 6. Coated Microneedles Examples

Figure 7. Dissolvable/Dissolving Microneedles Examples

Figure 8. Global Painless Microneedle Patch Consumption Value by Application, (USD Million), 2020 & 2024 & 2031

Figure 9. Global Painless Microneedle Patch Revenue Market Share by Application in 2024

Figure 10. Medical Examples

Figure 11. Beauty Examples

Figure 12. Global Painless Microneedle Patch Consumption Value, (USD Million): 2020 & 2024 & 2031

Figure 13. Global Painless Microneedle Patch Consumption Value and Forecast (2020-2031) & (USD Million)

Figure 14. Global Painless Microneedle Patch Sales Quantity (2020-2031) & (K Units)

Figure 15. Global Painless Microneedle Patch Price (2020-2031) & (US\$/Unit)

Figure 16. Global Painless Microneedle Patch Sales Quantity Market Share by Manufacturer in 2024

Figure 17. Global Painless Microneedle Patch Revenue Market Share by Manufacturer in 2024

Figure 18. Producer Shipments of Painless Microneedle Patch by Manufacturer Sales (\$MM) and Market Share (%): 2024

Figure 19. Top 3 Painless Microneedle Patch Manufacturer (Revenue) Market Share in 2024

Figure 20. Top 6 Painless Microneedle Patch Manufacturer (Revenue) Market Share in 2024

Figure 21. Global Painless Microneedle Patch Sales Quantity Market Share by Region (2020-2031)

Figure 22. Global Painless Microneedle Patch Consumption Value Market Share by Region (2020-2031)

Figure 23. North America Painless Microneedle Patch Consumption Value (2020-2031)

& (USD Million)

Figure 24. Europe Painless Microneedle Patch Consumption Value (2020-2031) & (USD Million)

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

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

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

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

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

Figure 30. Global Painless Microneedle Patch Average Price by Type (2020-2031) & (US\$/Unit)

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

Figure 32. Global Painless Microneedle Patch Revenue Market Share by Application (2020-2031)

Figure 33. Global Painless Microneedle Patch Average Price by Application (2020-2031) & (US\$/Unit)

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

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

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

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

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

Figure 39. Canada Painless Microneedle Patch Consumption Value (2020-2031) & (USD Million)

Figure 40. Mexico Painless Microneedle Patch Consumption Value (2020-2031) & (USD Million)

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

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

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

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

Figure 45. Germany Painless Microneedle Patch Consumption Value (2020-2031) & (USD Million)

Figure 46. France Painless Microneedle Patch Consumption Value (2020-2031) & (USD Million)

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

Figure 48. Russia Painless Microneedle Patch Consumption Value (2020-2031) & (USD Million)

Figure 49. Italy Painless Microneedle Patch Consumption Value (2020-2031) & (USD Million)

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

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

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

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

Figure 54. China Painless Microneedle Patch Consumption Value (2020-2031) & (USD Million)

Figure 55. Japan Painless Microneedle Patch Consumption Value (2020-2031) & (USD Million)

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

Figure 57. India Painless Microneedle Patch Consumption Value (2020-2031) & (USD Million)

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

Figure 59. Australia Painless Microneedle Patch Consumption Value (2020-2031) & (USD Million)

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

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

Figure 62. South America Painless Microneedle Patch Sales Quantity Market Share by

Country (2020-2031)

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

Figure 64. Brazil Painless Microneedle Patch Consumption Value (2020-2031) & (USD Million)

Figure 65. Argentina Painless Microneedle Patch Consumption Value (2020-2031) & (USD Million)

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

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

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

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

Figure 70. Turkey Painless Microneedle Patch Consumption Value (2020-2031) & (USD Million)

Figure 71. Egypt Painless Microneedle Patch Consumption Value (2020-2031) & (USD Million)

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

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

Figure 74. Painless Microneedle Patch Market Drivers

Figure 75. Painless Microneedle Patch Market Restraints

Figure 76. Painless Microneedle Patch Market Trends

Figure 77. Porters Five Forces Analysis

Figure 78. Manufacturing Cost Structure Analysis of Painless Microneedle Patch in 2024

Figure 79. Manufacturing Process Analysis of Painless Microneedle Patch

Figure 80. Painless Microneedle Patch 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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