

Global SOH (Spin on Hardmasks) Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

<https://marketpublishers.com/r/GA603370CB4EN.html>

Date: May 2025

Pages: 103

Price: US\$ 3,480.00 (Single User License)

ID: GA603370CB4EN

Abstracts

According to our (Global Info Research) latest study, the global SOH (Spin on Hardmasks) market size was valued at US\$ 934 million in 2024 and is forecast to a readjusted size of USD 1893 million by 2031 with a CAGR of 10.3% during review period.

SOH (Spin on Hardmasks) is a membrane applied to the bottom of photoresists, and acts as a barrier in the follow-up etching process. SOH helps the circuit to transfer to the desired membrane, thus increasing the accuracy of micropatterns. Hardmask materials are used in semiconductor fabrication to prevent patterns from collapsing. A photoresist that is too thick can cause a pattern to break down, but one that is too thin is unable to sufficiently protect the substrate. Thus, a hardmask is needed to transfer photomask patterns. Hardmask layers are formed when SOH is placed on top of a silicon wafer through spin coating equipment. Photoresist (PR) is then applied on top of these layers. After exposure process, these layers then go through etching process. Final patterns are then formed after going through ashing process that removes any residues from layers.

The use of multilayer hardmasks is now essential for the semiconductor industry to produce devices at ever shrinking dimensions, particularly given recent developments in device architecture, such as FinFET and Intel trigate devices. Novel SOC materials enable increased aspect ratio 3D device architectures. Indeed, high resolution, high aspect ratio SOC hardmasks will not only benefit semiconductors, they hold the potential to boost nanofabrication capabilities across many markets and applications. Growth in Consumer Electronics and IoT Devices: The expansion of consumer electronics and Internet of Things (IoT) devices requires advanced semiconductor

manufacturing processes. SOH hardmasks contribute to the production of high-performance and miniaturized electronic components for these applications.

This report is a detailed and comprehensive analysis for global SOH (Spin on Hardmasks) 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 SOH (Spin on Hardmasks) market size and forecasts, in consumption value (\$ Million), sales quantity (m?), and average selling prices (USD/m?), 2020-2031

Global SOH (Spin on Hardmasks) market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (m?), and average selling prices (USD/m?), 2020-2031

Global SOH (Spin on Hardmasks) market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (m?), and average selling prices (USD/m?), 2020-2031

Global SOH (Spin on Hardmasks) market shares of main players, shipments in revenue (\$ Million), sales quantity (m?), and ASP (USD/m?), 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 SOH (Spin on Hardmasks)

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 SOH (Spin on Hardmasks) 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 Samsung SDI, Merck Group, JSR, Brewer Science, Shin-Etsu MicroSi, YCCHM, SK Materials, Nano-C, etc.

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

Market Segmentation

SOH (Spin on Hardmasks) 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

- Spin on Carbon Hardmasks (SOC)

- Spin on Metal Oxide Hardmasks (MHM)

- Others

Market segment by Application

- Semiconductors (excl. Memory)

- DRAM

- NAND

- Others

Major players covered

- Samsung SDI

- Merck Group

JSR

Brewer Science

Shin-Etsu MicroSi

YCCHEM

SK Materials

Nano-C

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 SOH (Spin on Hardmasks) product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of SOH (Spin on Hardmasks), with price, sales quantity, revenue, and global market share of SOH (Spin on Hardmasks) from 2020 to 2025.

Chapter 3, the SOH (Spin on Hardmasks) competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the SOH (Spin on Hardmasks) 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 SOH (Spin on Hardmasks) 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 SOH (Spin on Hardmasks).

Chapter 14 and 15, to describe SOH (Spin on Hardmasks) 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 SOH (Spin on Hardmasks) Consumption Value by Type: 2020 Versus 2024 Versus 2031

1.3.2 Spin on Carbon Hardmasks (SOC)

1.3.3 Spin on Metal Oxide Hardmasks (MHM)

1.3.4 Others

1.4 Market Analysis by Application

1.4.1 Overview: Global SOH (Spin on Hardmasks) Consumption Value by Application: 2020 Versus 2024 Versus 2031

1.4.2 Semiconductors (excl. Memory)

1.4.3 DRAM

1.4.4 NAND

1.4.5 Others

1.5 Global SOH (Spin on Hardmasks) Market Size & Forecast

1.5.1 Global SOH (Spin on Hardmasks) Consumption Value (2020 & 2024 & 2031)

1.5.2 Global SOH (Spin on Hardmasks) Sales Quantity (2020-2031)

1.5.3 Global SOH (Spin on Hardmasks) Average Price (2020-2031)

2 MANUFACTURERS PROFILES

2.1 Samsung SDI

2.1.1 Samsung SDI Details

2.1.2 Samsung SDI Major Business

2.1.3 Samsung SDI SOH (Spin on Hardmasks) Product and Services

2.1.4 Samsung SDI SOH (Spin on Hardmasks) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.1.5 Samsung SDI Recent Developments/Updates

2.2 Merck Group

2.2.1 Merck Group Details

2.2.2 Merck Group Major Business

2.2.3 Merck Group SOH (Spin on Hardmasks) Product and Services

2.2.4 Merck Group SOH (Spin on Hardmasks) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.2.5 Merck Group Recent Developments/Updates

2.3 JSR

2.3.1 JSR Details

2.3.2 JSR Major Business

2.3.3 JSR SOH (Spin on Hardmasks) Product and Services

2.3.4 JSR SOH (Spin on Hardmasks) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.3.5 JSR Recent Developments/Updates

2.4 Brewer Science

2.4.1 Brewer Science Details

2.4.2 Brewer Science Major Business

2.4.3 Brewer Science SOH (Spin on Hardmasks) Product and Services

2.4.4 Brewer Science SOH (Spin on Hardmasks) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.4.5 Brewer Science Recent Developments/Updates

2.5 Shin-Etsu MicroSi

2.5.1 Shin-Etsu MicroSi Details

2.5.2 Shin-Etsu MicroSi Major Business

2.5.3 Shin-Etsu MicroSi SOH (Spin on Hardmasks) Product and Services

2.5.4 Shin-Etsu MicroSi SOH (Spin on Hardmasks) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.5.5 Shin-Etsu MicroSi Recent Developments/Updates

2.6 YCCHEM

2.6.1 YCCHEM Details

2.6.2 YCCHEM Major Business

2.6.3 YCCHEM SOH (Spin on Hardmasks) Product and Services

2.6.4 YCCHEM SOH (Spin on Hardmasks) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.6.5 YCCHEM Recent Developments/Updates

2.7 SK Materials

2.7.1 SK Materials Details

2.7.2 SK Materials Major Business

2.7.3 SK Materials SOH (Spin on Hardmasks) Product and Services

2.7.4 SK Materials SOH (Spin on Hardmasks) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.7.5 SK Materials Recent Developments/Updates

2.8 Nano-C

2.8.1 Nano-C Details

2.8.2 Nano-C Major Business

- 2.8.3 Nano-C SOH (Spin on Hardmasks) Product and Services
- 2.8.4 Nano-C SOH (Spin on Hardmasks) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
- 2.8.5 Nano-C Recent Developments/Updates

3 COMPETITIVE ENVIRONMENT: SOH (SPIN ON HARDMASKS) BY MANUFACTURER

- 3.1 Global SOH (Spin on Hardmasks) Sales Quantity by Manufacturer (2020-2025)
- 3.2 Global SOH (Spin on Hardmasks) Revenue by Manufacturer (2020-2025)
- 3.3 Global SOH (Spin on Hardmasks) Average Price by Manufacturer (2020-2025)
- 3.4 Market Share Analysis (2024)
 - 3.4.1 Producer Shipments of SOH (Spin on Hardmasks) by Manufacturer Revenue (\$MM) and Market Share (%): 2024
 - 3.4.2 Top 3 SOH (Spin on Hardmasks) Manufacturer Market Share in 2024
 - 3.4.3 Top 6 SOH (Spin on Hardmasks) Manufacturer Market Share in 2024
- 3.5 SOH (Spin on Hardmasks) Market: Overall Company Footprint Analysis
 - 3.5.1 SOH (Spin on Hardmasks) Market: Region Footprint
 - 3.5.2 SOH (Spin on Hardmasks) Market: Company Product Type Footprint
 - 3.5.3 SOH (Spin on Hardmasks) 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 SOH (Spin on Hardmasks) Market Size by Region
 - 4.1.1 Global SOH (Spin on Hardmasks) Sales Quantity by Region (2020-2031)
 - 4.1.2 Global SOH (Spin on Hardmasks) Consumption Value by Region (2020-2031)
 - 4.1.3 Global SOH (Spin on Hardmasks) Average Price by Region (2020-2031)
- 4.2 North America SOH (Spin on Hardmasks) Consumption Value (2020-2031)
- 4.3 Europe SOH (Spin on Hardmasks) Consumption Value (2020-2031)
- 4.4 Asia-Pacific SOH (Spin on Hardmasks) Consumption Value (2020-2031)
- 4.5 South America SOH (Spin on Hardmasks) Consumption Value (2020-2031)
- 4.6 Middle East & Africa SOH (Spin on Hardmasks) Consumption Value (2020-2031)

5 MARKET SEGMENT BY TYPE

- 5.1 Global SOH (Spin on Hardmasks) Sales Quantity by Type (2020-2031)
- 5.2 Global SOH (Spin on Hardmasks) Consumption Value by Type (2020-2031)

5.3 Global SOH (Spin on Hardmasks) Average Price by Type (2020-2031)

6 MARKET SEGMENT BY APPLICATION

6.1 Global SOH (Spin on Hardmasks) Sales Quantity by Application (2020-2031)

6.2 Global SOH (Spin on Hardmasks) Consumption Value by Application (2020-2031)

6.3 Global SOH (Spin on Hardmasks) Average Price by Application (2020-2031)

7 NORTH AMERICA

7.1 North America SOH (Spin on Hardmasks) Sales Quantity by Type (2020-2031)

7.2 North America SOH (Spin on Hardmasks) Sales Quantity by Application (2020-2031)

7.3 North America SOH (Spin on Hardmasks) Market Size by Country

7.3.1 North America SOH (Spin on Hardmasks) Sales Quantity by Country (2020-2031)

7.3.2 North America SOH (Spin on Hardmasks) 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 SOH (Spin on Hardmasks) Sales Quantity by Type (2020-2031)

8.2 Europe SOH (Spin on Hardmasks) Sales Quantity by Application (2020-2031)

8.3 Europe SOH (Spin on Hardmasks) Market Size by Country

8.3.1 Europe SOH (Spin on Hardmasks) Sales Quantity by Country (2020-2031)

8.3.2 Europe SOH (Spin on Hardmasks) 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 SOH (Spin on Hardmasks) Sales Quantity by Type (2020-2031)

9.2 Asia-Pacific SOH (Spin on Hardmasks) Sales Quantity by Application (2020-2031)

9.3 Asia-Pacific SOH (Spin on Hardmasks) Market Size by Region

9.3.1 Asia-Pacific SOH (Spin on Hardmasks) Sales Quantity by Region (2020-2031)

9.3.2 Asia-Pacific SOH (Spin on Hardmasks) 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 SOH (Spin on Hardmasks) Sales Quantity by Type (2020-2031)

10.2 South America SOH (Spin on Hardmasks) Sales Quantity by Application (2020-2031)

10.3 South America SOH (Spin on Hardmasks) Market Size by Country

10.3.1 South America SOH (Spin on Hardmasks) Sales Quantity by Country (2020-2031)

10.3.2 South America SOH (Spin on Hardmasks) 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 SOH (Spin on Hardmasks) Sales Quantity by Type (2020-2031)

11.2 Middle East & Africa SOH (Spin on Hardmasks) Sales Quantity by Application (2020-2031)

11.3 Middle East & Africa SOH (Spin on Hardmasks) Market Size by Country

11.3.1 Middle East & Africa SOH (Spin on Hardmasks) Sales Quantity by Country (2020-2031)

11.3.2 Middle East & Africa SOH (Spin on Hardmasks) 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 SOH (Spin on Hardmasks) Market Drivers
- 12.2 SOH (Spin on Hardmasks) Market Restraints
- 12.3 SOH (Spin on Hardmasks) 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 SOH (Spin on Hardmasks) and Key Manufacturers
- 13.2 Manufacturing Costs Percentage of SOH (Spin on Hardmasks)
- 13.3 SOH (Spin on Hardmasks) 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 SOH (Spin on Hardmasks) Typical Distributors
- 14.3 SOH (Spin on Hardmasks) 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 SOH (Spin on Hardmasks) Consumption Value by Type, (USD Million), 2020 & 2024 & 2031

Table 2. Global SOH (Spin on Hardmasks) Consumption Value by Application, (USD Million), 2020 & 2024 & 2031

Table 3. Samsung SDI Basic Information, Manufacturing Base and Competitors

Table 4. Samsung SDI Major Business

Table 5. Samsung SDI SOH (Spin on Hardmasks) Product and Services

Table 6. Samsung SDI SOH (Spin on Hardmasks) Sales Quantity (m?), Average Price (USD/m?), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 7. Samsung SDI Recent Developments/Updates

Table 8. Merck Group Basic Information, Manufacturing Base and Competitors

Table 9. Merck Group Major Business

Table 10. Merck Group SOH (Spin on Hardmasks) Product and Services

Table 11. Merck Group SOH (Spin on Hardmasks) Sales Quantity (m?), Average Price (USD/m?), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 12. Merck Group Recent Developments/Updates

Table 13. JSR Basic Information, Manufacturing Base and Competitors

Table 14. JSR Major Business

Table 15. JSR SOH (Spin on Hardmasks) Product and Services

Table 16. JSR SOH (Spin on Hardmasks) Sales Quantity (m?), Average Price (USD/m?), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 17. JSR Recent Developments/Updates

Table 18. Brewer Science Basic Information, Manufacturing Base and Competitors

Table 19. Brewer Science Major Business

Table 20. Brewer Science SOH (Spin on Hardmasks) Product and Services

Table 21. Brewer Science SOH (Spin on Hardmasks) Sales Quantity (m?), Average Price (USD/m?), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 22. Brewer Science Recent Developments/Updates

Table 23. Shin-Etsu MicroSi Basic Information, Manufacturing Base and Competitors

Table 24. Shin-Etsu MicroSi Major Business

Table 25. Shin-Etsu MicroSi SOH (Spin on Hardmasks) Product and Services

Table 26. Shin-Etsu MicroSi SOH (Spin on Hardmasks) Sales Quantity (m?), Average Price (USD/m?), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 27. Shin-Etsu MicroSi Recent Developments/Updates

Table 28. YCCEM Basic Information, Manufacturing Base and Competitors

Table 29. YCCHEM Major Business

Table 30. YCCHEM SOH (Spin on Hardmasks) Product and Services

Table 31. YCCHEM SOH (Spin on Hardmasks) Sales Quantity (m?), Average Price (USD/m?), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 32. YCCHEM Recent Developments/Updates

Table 33. SK Materials Basic Information, Manufacturing Base and Competitors

Table 34. SK Materials Major Business

Table 35. SK Materials SOH (Spin on Hardmasks) Product and Services

Table 36. SK Materials SOH (Spin on Hardmasks) Sales Quantity (m?), Average Price (USD/m?), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 37. SK Materials Recent Developments/Updates

Table 38. Nano-C Basic Information, Manufacturing Base and Competitors

Table 39. Nano-C Major Business

Table 40. Nano-C SOH (Spin on Hardmasks) Product and Services

Table 41. Nano-C SOH (Spin on Hardmasks) Sales Quantity (m?), Average Price (USD/m?), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 42. Nano-C Recent Developments/Updates

Table 43. Global SOH (Spin on Hardmasks) Sales Quantity by Manufacturer (2020-2025) & (m?)

Table 44. Global SOH (Spin on Hardmasks) Revenue by Manufacturer (2020-2025) & (USD Million)

Table 45. Global SOH (Spin on Hardmasks) Average Price by Manufacturer (2020-2025) & (USD/m?)

Table 46. Market Position of Manufacturers in SOH (Spin on Hardmasks), (Tier 1, Tier 2, and Tier 3), Based on Revenue in 2024

Table 47. Head Office and SOH (Spin on Hardmasks) Production Site of Key Manufacturer

Table 48. SOH (Spin on Hardmasks) Market: Company Product Type Footprint

Table 49. SOH (Spin on Hardmasks) Market: Company Product Application Footprint

Table 50. SOH (Spin on Hardmasks) New Market Entrants and Barriers to Market Entry

Table 51. SOH (Spin on Hardmasks) Mergers, Acquisition, Agreements, and Collaborations

Table 52. Global SOH (Spin on Hardmasks) Consumption Value by Region (2020-2024-2031) & (USD Million) & CAGR

Table 53. Global SOH (Spin on Hardmasks) Sales Quantity by Region (2020-2025) & (m?)

Table 54. Global SOH (Spin on Hardmasks) Sales Quantity by Region (2026-2031) & (m?)

Table 55. Global SOH (Spin on Hardmasks) Consumption Value by Region (2020-2025)

& (USD Million)

Table 56. Global SOH (Spin on Hardmasks) Consumption Value by Region (2026-2031)

& (USD Million)

Table 57. Global SOH (Spin on Hardmasks) Average Price by Region (2020-2025) & (USD/m?)

Table 58. Global SOH (Spin on Hardmasks) Average Price by Region (2026-2031) & (USD/m?)

Table 59. Global SOH (Spin on Hardmasks) Sales Quantity by Type (2020-2025) & (m?)

Table 60. Global SOH (Spin on Hardmasks) Sales Quantity by Type (2026-2031) & (m?)

Table 61. Global SOH (Spin on Hardmasks) Consumption Value by Type (2020-2025) & (USD Million)

Table 62. Global SOH (Spin on Hardmasks) Consumption Value by Type (2026-2031) & (USD Million)

Table 63. Global SOH (Spin on Hardmasks) Average Price by Type (2020-2025) & (USD/m?)

Table 64. Global SOH (Spin on Hardmasks) Average Price by Type (2026-2031) & (USD/m?)

Table 65. Global SOH (Spin on Hardmasks) Sales Quantity by Application (2020-2025) & (m?)

Table 66. Global SOH (Spin on Hardmasks) Sales Quantity by Application (2026-2031) & (m?)

Table 67. Global SOH (Spin on Hardmasks) Consumption Value by Application (2020-2025) & (USD Million)

Table 68. Global SOH (Spin on Hardmasks) Consumption Value by Application (2026-2031) & (USD Million)

Table 69. Global SOH (Spin on Hardmasks) Average Price by Application (2020-2025) & (USD/m?)

Table 70. Global SOH (Spin on Hardmasks) Average Price by Application (2026-2031) & (USD/m?)

Table 71. North America SOH (Spin on Hardmasks) Sales Quantity by Type (2020-2025) & (m?)

Table 72. North America SOH (Spin on Hardmasks) Sales Quantity by Type (2026-2031) & (m?)

Table 73. North America SOH (Spin on Hardmasks) Sales Quantity by Application (2020-2025) & (m?)

Table 74. North America SOH (Spin on Hardmasks) Sales Quantity by Application (2026-2031) & (m?)

Table 75. North America SOH (Spin on Hardmasks) Sales Quantity by Country (2020-2025) & (m?)

Table 76. North America SOH (Spin on Hardmasks) Sales Quantity by Country (2026-2031) & (m?)

Table 77. North America SOH (Spin on Hardmasks) Consumption Value by Country (2020-2025) & (USD Million)

Table 78. North America SOH (Spin on Hardmasks) Consumption Value by Country (2026-2031) & (USD Million)

Table 79. Europe SOH (Spin on Hardmasks) Sales Quantity by Type (2020-2025) & (m?)

Table 80. Europe SOH (Spin on Hardmasks) Sales Quantity by Type (2026-2031) & (m?)

Table 81. Europe SOH (Spin on Hardmasks) Sales Quantity by Application (2020-2025) & (m?)

Table 82. Europe SOH (Spin on Hardmasks) Sales Quantity by Application (2026-2031) & (m?)

Table 83. Europe SOH (Spin on Hardmasks) Sales Quantity by Country (2020-2025) & (m?)

Table 84. Europe SOH (Spin on Hardmasks) Sales Quantity by Country (2026-2031) & (m?)

Table 85. Europe SOH (Spin on Hardmasks) Consumption Value by Country (2020-2025) & (USD Million)

Table 86. Europe SOH (Spin on Hardmasks) Consumption Value by Country (2026-2031) & (USD Million)

Table 87. Asia-Pacific SOH (Spin on Hardmasks) Sales Quantity by Type (2020-2025) & (m?)

Table 88. Asia-Pacific SOH (Spin on Hardmasks) Sales Quantity by Type (2026-2031) & (m?)

Table 89. Asia-Pacific SOH (Spin on Hardmasks) Sales Quantity by Application (2020-2025) & (m?)

Table 90. Asia-Pacific SOH (Spin on Hardmasks) Sales Quantity by Application (2026-2031) & (m?)

Table 91. Asia-Pacific SOH (Spin on Hardmasks) Sales Quantity by Region (2020-2025) & (m?)

Table 92. Asia-Pacific SOH (Spin on Hardmasks) Sales Quantity by Region (2026-2031) & (m?)

Table 93. Asia-Pacific SOH (Spin on Hardmasks) Consumption Value by Region (2020-2025) & (USD Million)

Table 94. Asia-Pacific SOH (Spin on Hardmasks) Consumption Value by Region

(2026-2031) & (USD Million)

Table 95. South America SOH (Spin on Hardmasks) Sales Quantity by Type
(2020-2025) & (m?)

Table 96. South America SOH (Spin on Hardmasks) Sales Quantity by Type
(2026-2031) & (m?)

Table 97. South America SOH (Spin on Hardmasks) Sales Quantity by Application
(2020-2025) & (m?)

Table 98. South America SOH (Spin on Hardmasks) Sales Quantity by Application
(2026-2031) & (m?)

Table 99. South America SOH (Spin on Hardmasks) Sales Quantity by Country
(2020-2025) & (m?)

Table 100. South America SOH (Spin on Hardmasks) Sales Quantity by Country
(2026-2031) & (m?)

Table 101. South America SOH (Spin on Hardmasks) Consumption Value by Country
(2020-2025) & (USD Million)

Table 102. South America SOH (Spin on Hardmasks) Consumption Value by Country
(2026-2031) & (USD Million)

Table 103. Middle East & Africa SOH (Spin on Hardmasks) Sales Quantity by Type
(2020-2025) & (m?)

Table 104. Middle East & Africa SOH (Spin on Hardmasks) Sales Quantity by Type
(2026-2031) & (m?)

Table 105. Middle East & Africa SOH (Spin on Hardmasks) Sales Quantity by
Application (2020-2025) & (m?)

Table 106. Middle East & Africa SOH (Spin on Hardmasks) Sales Quantity by
Application (2026-2031) & (m?)

Table 107. Middle East & Africa SOH (Spin on Hardmasks) Sales Quantity by Country
(2020-2025) & (m?)

Table 108. Middle East & Africa SOH (Spin on Hardmasks) Sales Quantity by Country
(2026-2031) & (m?)

Table 109. Middle East & Africa SOH (Spin on Hardmasks) Consumption Value by
Country (2020-2025) & (USD Million)

Table 110. Middle East & Africa SOH (Spin on Hardmasks) Consumption Value by
Country (2026-2031) & (USD Million)

Table 111. SOH (Spin on Hardmasks) Raw Material

Table 112. Key Manufacturers of SOH (Spin on Hardmasks) Raw Materials

Table 113. SOH (Spin on Hardmasks) Typical Distributors

Table 114. SOH (Spin on Hardmasks) Typical Customers

List Of Figures

LIST OF FIGURES

Figure 1. SOH (Spin on Hardmasks) Picture

Figure 2. Global SOH (Spin on Hardmasks) Revenue by Type, (USD Million), 2020 & 2024 & 2031

Figure 3. Global SOH (Spin on Hardmasks) Revenue Market Share by Type in 2024

Figure 4. Spin on Carbon Hardmasks (SOC) Examples

Figure 5. Spin on Metal Oxide Hardmasks (MHM) Examples

Figure 6. Others Examples

Figure 7. Global SOH (Spin on Hardmasks) Consumption Value by Application, (USD Million), 2020 & 2024 & 2031

Figure 8. Global SOH (Spin on Hardmasks) Revenue Market Share by Application in 2024

Figure 9. Semiconductors (excl. Memory) Examples

Figure 10. DRAM Examples

Figure 11. NAND Examples

Figure 12. Others Examples

Figure 13. Global SOH (Spin on Hardmasks) Consumption Value, (USD Million): 2020 & 2024 & 2031

Figure 14. Global SOH (Spin on Hardmasks) Consumption Value and Forecast (2020-2031) & (USD Million)

Figure 15. Global SOH (Spin on Hardmasks) Sales Quantity (2020-2031) & (m?)

Figure 16. Global SOH (Spin on Hardmasks) Price (2020-2031) & (USD/m?)

Figure 17. Global SOH (Spin on Hardmasks) Sales Quantity Market Share by Manufacturer in 2024

Figure 18. Global SOH (Spin on Hardmasks) Revenue Market Share by Manufacturer in 2024

Figure 19. Producer Shipments of SOH (Spin on Hardmasks) by Manufacturer Sales (\$MM) and Market Share (%): 2024

Figure 20. Top 3 SOH (Spin on Hardmasks) Manufacturer (Revenue) Market Share in 2024

Figure 21. Top 6 SOH (Spin on Hardmasks) Manufacturer (Revenue) Market Share in 2024

Figure 22. Global SOH (Spin on Hardmasks) Sales Quantity Market Share by Region (2020-2031)

Figure 23. Global SOH (Spin on Hardmasks) Consumption Value Market Share by Region (2020-2031)

Figure 24. North America SOH (Spin on Hardmasks) Consumption Value (2020-2031) & (USD Million)

Figure 25. Europe SOH (Spin on Hardmasks) Consumption Value (2020-2031) & (USD Million)

Figure 26. Asia-Pacific SOH (Spin on Hardmasks) Consumption Value (2020-2031) & (USD Million)

Figure 27. South America SOH (Spin on Hardmasks) Consumption Value (2020-2031) & (USD Million)

Figure 28. Middle East & Africa SOH (Spin on Hardmasks) Consumption Value (2020-2031) & (USD Million)

Figure 29. Global SOH (Spin on Hardmasks) Sales Quantity Market Share by Type (2020-2031)

Figure 30. Global SOH (Spin on Hardmasks) Consumption Value Market Share by Type (2020-2031)

Figure 31. Global SOH (Spin on Hardmasks) Average Price by Type (2020-2031) & (USD/m?)

Figure 32. Global SOH (Spin on Hardmasks) Sales Quantity Market Share by Application (2020-2031)

Figure 33. Global SOH (Spin on Hardmasks) Revenue Market Share by Application (2020-2031)

Figure 34. Global SOH (Spin on Hardmasks) Average Price by Application (2020-2031) & (USD/m?)

Figure 35. North America SOH (Spin on Hardmasks) Sales Quantity Market Share by Type (2020-2031)

Figure 36. North America SOH (Spin on Hardmasks) Sales Quantity Market Share by Application (2020-2031)

Figure 37. North America SOH (Spin on Hardmasks) Sales Quantity Market Share by Country (2020-2031)

Figure 38. North America SOH (Spin on Hardmasks) Consumption Value Market Share by Country (2020-2031)

Figure 39. United States SOH (Spin on Hardmasks) Consumption Value (2020-2031) & (USD Million)

Figure 40. Canada SOH (Spin on Hardmasks) Consumption Value (2020-2031) & (USD Million)

Figure 41. Mexico SOH (Spin on Hardmasks) Consumption Value (2020-2031) & (USD Million)

Figure 42. Europe SOH (Spin on Hardmasks) Sales Quantity Market Share by Type (2020-2031)

Figure 43. Europe SOH (Spin on Hardmasks) Sales Quantity Market Share by

Application (2020-2031)

Figure 44. Europe SOH (Spin on Hardmasks) Sales Quantity Market Share by Country (2020-2031)

Figure 45. Europe SOH (Spin on Hardmasks) Consumption Value Market Share by Country (2020-2031)

Figure 46. Germany SOH (Spin on Hardmasks) Consumption Value (2020-2031) & (USD Million)

Figure 47. France SOH (Spin on Hardmasks) Consumption Value (2020-2031) & (USD Million)

Figure 48. United Kingdom SOH (Spin on Hardmasks) Consumption Value (2020-2031) & (USD Million)

Figure 49. Russia SOH (Spin on Hardmasks) Consumption Value (2020-2031) & (USD Million)

Figure 50. Italy SOH (Spin on Hardmasks) Consumption Value (2020-2031) & (USD Million)

Figure 51. Asia-Pacific SOH (Spin on Hardmasks) Sales Quantity Market Share by Type (2020-2031)

Figure 52. Asia-Pacific SOH (Spin on Hardmasks) Sales Quantity Market Share by Application (2020-2031)

Figure 53. Asia-Pacific SOH (Spin on Hardmasks) Sales Quantity Market Share by Region (2020-2031)

Figure 54. Asia-Pacific SOH (Spin on Hardmasks) Consumption Value Market Share by Region (2020-2031)

Figure 55. China SOH (Spin on Hardmasks) Consumption Value (2020-2031) & (USD Million)

Figure 56. Japan SOH (Spin on Hardmasks) Consumption Value (2020-2031) & (USD Million)

Figure 57. South Korea SOH (Spin on Hardmasks) Consumption Value (2020-2031) & (USD Million)

Figure 58. India SOH (Spin on Hardmasks) Consumption Value (2020-2031) & (USD Million)

Figure 59. Southeast Asia SOH (Spin on Hardmasks) Consumption Value (2020-2031) & (USD Million)

Figure 60. Australia SOH (Spin on Hardmasks) Consumption Value (2020-2031) & (USD Million)

Figure 61. South America SOH (Spin on Hardmasks) Sales Quantity Market Share by Type (2020-2031)

Figure 62. South America SOH (Spin on Hardmasks) Sales Quantity Market Share by Application (2020-2031)

Figure 63. South America SOH (Spin on Hardmasks) Sales Quantity Market Share by Country (2020-2031)

Figure 64. South America SOH (Spin on Hardmasks) Consumption Value Market Share by Country (2020-2031)

Figure 65. Brazil SOH (Spin on Hardmasks) Consumption Value (2020-2031) & (USD Million)

Figure 66. Argentina SOH (Spin on Hardmasks) Consumption Value (2020-2031) & (USD Million)

Figure 67. Middle East & Africa SOH (Spin on Hardmasks) Sales Quantity Market Share by Type (2020-2031)

Figure 68. Middle East & Africa SOH (Spin on Hardmasks) Sales Quantity Market Share by Application (2020-2031)

Figure 69. Middle East & Africa SOH (Spin on Hardmasks) Sales Quantity Market Share by Country (2020-2031)

Figure 70. Middle East & Africa SOH (Spin on Hardmasks) Consumption Value Market Share by Country (2020-2031)

Figure 71. Turkey SOH (Spin on Hardmasks) Consumption Value (2020-2031) & (USD Million)

Figure 72. Egypt SOH (Spin on Hardmasks) Consumption Value (2020-2031) & (USD Million)

Figure 73. Saudi Arabia SOH (Spin on Hardmasks) Consumption Value (2020-2031) & (USD Million)

Figure 74. South Africa SOH (Spin on Hardmasks) Consumption Value (2020-2031) & (USD Million)

Figure 75. SOH (Spin on Hardmasks) Market Drivers

Figure 76. SOH (Spin on Hardmasks) Market Restraints

Figure 77. SOH (Spin on Hardmasks) Market Trends

Figure 78. PortersFive Forces Analysis

Figure 79. Manufacturing Cost Structure Analysis of SOH (Spin on Hardmasks) in 2024

Figure 80. Manufacturing Process Analysis of SOH (Spin on Hardmasks)

Figure 81. SOH (Spin on Hardmasks) Industrial Chain

Figure 82. Sales Channel: Direct to End-User vs Distributors

Figure 83. Direct Channel Pros & Cons

Figure 84. Indirect Channel Pros & Cons

Figure 85. Methodology

Figure 86. Research Process and Data Source

I would like to order

Product name: Global SOH (Spin on Hardmasks) Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

Product link: <https://marketpublishers.com/r/GA603370CB4EN.html>

Price: US\$ 3,480.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/GA603370CB4EN.html>