

Global Self-Shielded Flux Core Wire Supply, Demand and Key Producers, 2023-2029

<https://marketpublishers.com/r/G9B4CA471084EN.html>

Date: November 2023

Pages: 126

Price: US\$ 4,480.00 (Single User License)

ID: G9B4CA471084EN

Abstracts

The global Self-Shielded Flux Core Wire market size is expected to reach \$ million by 2029, rising at a market growth of % CAGR during the forecast period (2023-2029).

Self-shielded flux-cored wire, also known as 'innershield' or 'gasless' flux-cored wire, is a type of welding consumable used in the process of flux-cored arc welding (FCAW). Unlike traditional solid wire welding, which relies on an external shielding gas to protect the weld pool from atmospheric contamination, self-shielded flux-cored wire contains a flux compound within the wire itself.

The flux generates a protective gas shield when it is exposed to the high temperatures of the welding arc. This shield prevents atmospheric gases, such as oxygen and nitrogen, from contaminating the weld pool, which is essential for producing quality welds. As the flux melts and reacts with impurities, it forms a slag layer on top of the weld bead. This slag helps protect the molten metal from the surrounding air, further improving the quality of the weld and facilitating the welding process.

Self-shielded flux-cored wire is particularly useful in outdoor welding applications or situations where it's challenging to use external shielding gases, such as when working in windy conditions or remote locations. It's commonly used in industries like construction, shipbuilding, and repair work.

This report studies the global Self-Shielded Flux Core Wire production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Self-Shielded Flux Core Wire, and provides market size (US\$ million) and Year-over-Year

(YoY) Growth, considering 2022 as the base year. This report explores demand trends and competition, as well as details the characteristics of Self-Shielded Flux Core Wire that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Self-Shielded Flux Core Wire total production and demand, 2018-2029, (Tons)

Global Self-Shielded Flux Core Wire total production value, 2018-2029, (USD Million)

Global Self-Shielded Flux Core Wire production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (Tons)

Global Self-Shielded Flux Core Wire consumption by region & country, CAGR, 2018-2029 & (Tons)

U.S. VS China: Self-Shielded Flux Core Wire domestic production, consumption, key domestic manufacturers and share

Global Self-Shielded Flux Core Wire production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (Tons)

Global Self-Shielded Flux Core Wire production by Diameter, production, value, CAGR, 2018-2029, (USD Million) & (Tons)

Global Self-Shielded Flux Core Wire production by Application production, value, CAGR, 2018-2029, (USD Million) & (Tons).

This reports profiles key players in the global Self-Shielded Flux Core Wire market based on the following parameters – company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include ITW, Kobelco, Lincoln Electric, Voestalpine, ESAB, Hyundai Welding, Kisol, Forney Industries and Washington Alloy, etc.

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

Stakeholders would have ease in decision-making through various strategy matrices

used in analyzing the World Self-Shielded Flux Core Wire market.

Detailed Segmentation:

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

Global Self-Shielded Flux Core Wire Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Self-Shielded Flux Core Wire Market, Segmentation by Diameter

Below 1.0mm

1.0-1.2mm

Above 1.2mm

Global Self-Shielded Flux Core Wire Market, Segmentation by Application

Construction

Shipbuilding

Repair Work

Others

Companies Profiled:

ITW

Kobelco

Lincoln Electric

Voestalpine

ESAB

Hyundai Welding

Kiswel

Forney Industries

Washington Alloy

Tianjin Golden Bridge

Jinglei Welding

Key Questions Answered

1. How big is the global Self-Shielded Flux Core Wire market?
2. What is the demand of the global Self-Shielded Flux Core Wire market?

3. What is the year over year growth of the global Self-Shielded Flux Core Wire market?
4. What is the production and production value of the global Self-Shielded Flux Core Wire market?
5. Who are the key producers in the global Self-Shielded Flux Core Wire market?

Contents

1 SUPPLY SUMMARY

- 1.1 Self-Shielded Flux Core Wire Introduction
- 1.2 World Self-Shielded Flux Core Wire Supply & Forecast
 - 1.2.1 World Self-Shielded Flux Core Wire Production Value (2018 & 2022 & 2029)
 - 1.2.2 World Self-Shielded Flux Core Wire Production (2018-2029)
 - 1.2.3 World Self-Shielded Flux Core Wire Pricing Trends (2018-2029)
- 1.3 World Self-Shielded Flux Core Wire Production by Region (Based on Production Site)
 - 1.3.1 World Self-Shielded Flux Core Wire Production Value by Region (2018-2029)
 - 1.3.2 World Self-Shielded Flux Core Wire Production by Region (2018-2029)
 - 1.3.3 World Self-Shielded Flux Core Wire Average Price by Region (2018-2029)
 - 1.3.4 North America Self-Shielded Flux Core Wire Production (2018-2029)
 - 1.3.5 Europe Self-Shielded Flux Core Wire Production (2018-2029)
 - 1.3.6 China Self-Shielded Flux Core Wire Production (2018-2029)
 - 1.3.7 Japan Self-Shielded Flux Core Wire Production (2018-2029)
- 1.4 Market Drivers, Restraints and Trends
 - 1.4.1 Self-Shielded Flux Core Wire Market Drivers
 - 1.4.2 Factors Affecting Demand
 - 1.4.3 Self-Shielded Flux Core Wire Major Market Trends

2 DEMAND SUMMARY

- 2.1 World Self-Shielded Flux Core Wire Demand (2018-2029)
- 2.2 World Self-Shielded Flux Core Wire Consumption by Region
 - 2.2.1 World Self-Shielded Flux Core Wire Consumption by Region (2018-2023)
 - 2.2.2 World Self-Shielded Flux Core Wire Consumption Forecast by Region (2024-2029)
- 2.3 United States Self-Shielded Flux Core Wire Consumption (2018-2029)
- 2.4 China Self-Shielded Flux Core Wire Consumption (2018-2029)
- 2.5 Europe Self-Shielded Flux Core Wire Consumption (2018-2029)
- 2.6 Japan Self-Shielded Flux Core Wire Consumption (2018-2029)
- 2.7 South Korea Self-Shielded Flux Core Wire Consumption (2018-2029)
- 2.8 ASEAN Self-Shielded Flux Core Wire Consumption (2018-2029)
- 2.9 India Self-Shielded Flux Core Wire Consumption (2018-2029)

3 WORLD SELF-SHIELDED FLUX CORE WIRE MANUFACTURERS COMPETITIVE

ANALYSIS

- 3.1 World Self-Shielded Flux Core Wire Production Value by Manufacturer (2018-2023)
- 3.2 World Self-Shielded Flux Core Wire Production by Manufacturer (2018-2023)
- 3.3 World Self-Shielded Flux Core Wire Average Price by Manufacturer (2018-2023)
- 3.4 Self-Shielded Flux Core Wire Company Evaluation Quadrant
- 3.5 Industry Rank and Concentration Rate (CR)
 - 3.5.1 Global Self-Shielded Flux Core Wire Industry Rank of Major Manufacturers
 - 3.5.2 Global Concentration Ratios (CR4) for Self-Shielded Flux Core Wire in 2022
 - 3.5.3 Global Concentration Ratios (CR8) for Self-Shielded Flux Core Wire in 2022
- 3.6 Self-Shielded Flux Core Wire Market: Overall Company Footprint Analysis
 - 3.6.1 Self-Shielded Flux Core Wire Market: Region Footprint
 - 3.6.2 Self-Shielded Flux Core Wire Market: Company Product Type Footprint
 - 3.6.3 Self-Shielded Flux Core Wire Market: Company Product Application Footprint
- 3.7 Competitive Environment
 - 3.7.1 Historical Structure of the Industry
 - 3.7.2 Barriers of Market Entry
 - 3.7.3 Factors of Competition
- 3.8 New Entrant and Capacity Expansion Plans
- 3.9 Mergers, Acquisition, Agreements, and Collaborations

4 UNITED STATES VS CHINA VS REST OF THE WORLD

- 4.1 United States VS China: Self-Shielded Flux Core Wire Production Value Comparison
 - 4.1.1 United States VS China: Self-Shielded Flux Core Wire Production Value Comparison (2018 & 2022 & 2029)
 - 4.1.2 United States VS China: Self-Shielded Flux Core Wire Production Value Market Share Comparison (2018 & 2022 & 2029)
- 4.2 United States VS China: Self-Shielded Flux Core Wire Production Comparison
 - 4.2.1 United States VS China: Self-Shielded Flux Core Wire Production Comparison (2018 & 2022 & 2029)
 - 4.2.2 United States VS China: Self-Shielded Flux Core Wire Production Market Share Comparison (2018 & 2022 & 2029)
- 4.3 United States VS China: Self-Shielded Flux Core Wire Consumption Comparison
 - 4.3.1 United States VS China: Self-Shielded Flux Core Wire Consumption Comparison (2018 & 2022 & 2029)
 - 4.3.2 United States VS China: Self-Shielded Flux Core Wire Consumption Market Share Comparison (2018 & 2022 & 2029)

4.4 United States Based Self-Shielded Flux Core Wire Manufacturers and Market Share, 2018-2023

4.4.1 United States Based Self-Shielded Flux Core Wire Manufacturers, Headquarters and Production Site (States, Country)

4.4.2 United States Based Manufacturers Self-Shielded Flux Core Wire Production Value (2018-2023)

4.4.3 United States Based Manufacturers Self-Shielded Flux Core Wire Production (2018-2023)

4.5 China Based Self-Shielded Flux Core Wire Manufacturers and Market Share

4.5.1 China Based Self-Shielded Flux Core Wire Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers Self-Shielded Flux Core Wire Production Value (2018-2023)

4.5.3 China Based Manufacturers Self-Shielded Flux Core Wire Production (2018-2023)

4.6 Rest of World Based Self-Shielded Flux Core Wire Manufacturers and Market Share, 2018-2023

4.6.1 Rest of World Based Self-Shielded Flux Core Wire Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers Self-Shielded Flux Core Wire Production Value (2018-2023)

4.6.3 Rest of World Based Manufacturers Self-Shielded Flux Core Wire Production (2018-2023)

5 MARKET ANALYSIS BY DIAMETER

5.1 World Self-Shielded Flux Core Wire Market Size Overview by Diameter: 2018 VS 2022 VS 2029

5.2 Segment Introduction by Diameter

5.2.1 Below 1.0mm

5.2.2 1.0-1.2mm

5.2.3 Above 1.2mm

5.3 Market Segment by Diameter

5.3.1 World Self-Shielded Flux Core Wire Production by Diameter (2018-2029)

5.3.2 World Self-Shielded Flux Core Wire Production Value by Diameter (2018-2029)

5.3.3 World Self-Shielded Flux Core Wire Average Price by Diameter (2018-2029)

6 MARKET ANALYSIS BY APPLICATION

6.1 World Self-Shielded Flux Core Wire Market Size Overview by Application: 2018 VS 2022 VS 2029

6.2 Segment Introduction by Application

6.2.1 Construction

6.2.2 Shipbuilding

6.2.3 Repair Work

6.2.4 Others

6.3 Market Segment by Application

6.3.1 World Self-Shielded Flux Core Wire Production by Application (2018-2029)

6.3.2 World Self-Shielded Flux Core Wire Production Value by Application (2018-2029)

6.3.3 World Self-Shielded Flux Core Wire Average Price by Application (2018-2029)

7 COMPANY PROFILES

7.1 ITW

7.1.1 ITW Details

7.1.2 ITW Major Business

7.1.3 ITW Self-Shielded Flux Core Wire Product and Services

7.1.4 ITW Self-Shielded Flux Core Wire Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.1.5 ITW Recent Developments/Updates

7.1.6 ITW Competitive Strengths & Weaknesses

7.2 Kobelco

7.2.1 Kobelco Details

7.2.2 Kobelco Major Business

7.2.3 Kobelco Self-Shielded Flux Core Wire Product and Services

7.2.4 Kobelco Self-Shielded Flux Core Wire Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.2.5 Kobelco Recent Developments/Updates

7.2.6 Kobelco Competitive Strengths & Weaknesses

7.3 Lincoln Electric

7.3.1 Lincoln Electric Details

7.3.2 Lincoln Electric Major Business

7.3.3 Lincoln Electric Self-Shielded Flux Core Wire Product and Services

7.3.4 Lincoln Electric Self-Shielded Flux Core Wire Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.3.5 Lincoln Electric Recent Developments/Updates

7.3.6 Lincoln Electric Competitive Strengths & Weaknesses

7.4 Voestalpine

- 7.4.1 Voestalpine Details
- 7.4.2 Voestalpine Major Business
- 7.4.3 Voestalpine Self-Shielded Flux Core Wire Product and Services
- 7.4.4 Voestalpine Self-Shielded Flux Core Wire Production, Price, Value, Gross Margin and Market Share (2018-2023)
- 7.4.5 Voestalpine Recent Developments/Updates
- 7.4.6 Voestalpine Competitive Strengths & Weaknesses
- 7.5 ESAB
 - 7.5.1 ESAB Details
 - 7.5.2 ESAB Major Business
 - 7.5.3 ESAB Self-Shielded Flux Core Wire Product and Services
 - 7.5.4 ESAB Self-Shielded Flux Core Wire Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.5.5 ESAB Recent Developments/Updates
 - 7.5.6 ESAB Competitive Strengths & Weaknesses
- 7.6 Hyundai Welding
 - 7.6.1 Hyundai Welding Details
 - 7.6.2 Hyundai Welding Major Business
 - 7.6.3 Hyundai Welding Self-Shielded Flux Core Wire Product and Services
 - 7.6.4 Hyundai Welding Self-Shielded Flux Core Wire Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.6.5 Hyundai Welding Recent Developments/Updates
 - 7.6.6 Hyundai Welding Competitive Strengths & Weaknesses
- 7.7 Kiewit
 - 7.7.1 Kiewit Details
 - 7.7.2 Kiewit Major Business
 - 7.7.3 Kiewit Self-Shielded Flux Core Wire Product and Services
 - 7.7.4 Kiewit Self-Shielded Flux Core Wire Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.7.5 Kiewit Recent Developments/Updates
 - 7.7.6 Kiewit Competitive Strengths & Weaknesses
- 7.8 Forney Industries
 - 7.8.1 Forney Industries Details
 - 7.8.2 Forney Industries Major Business
 - 7.8.3 Forney Industries Self-Shielded Flux Core Wire Product and Services
 - 7.8.4 Forney Industries Self-Shielded Flux Core Wire Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.8.5 Forney Industries Recent Developments/Updates
 - 7.8.6 Forney Industries Competitive Strengths & Weaknesses

7.9 Washington Alloy

7.9.1 Washington Alloy Details

7.9.2 Washington Alloy Major Business

7.9.3 Washington Alloy Self-Shielded Flux Core Wire Product and Services

7.9.4 Washington Alloy Self-Shielded Flux Core Wire Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.9.5 Washington Alloy Recent Developments/Updates

7.9.6 Washington Alloy Competitive Strengths & Weaknesses

7.10 Tianjin Golden Bridge

7.10.1 Tianjin Golden Bridge Details

7.10.2 Tianjin Golden Bridge Major Business

7.10.3 Tianjin Golden Bridge Self-Shielded Flux Core Wire Product and Services

7.10.4 Tianjin Golden Bridge Self-Shielded Flux Core Wire Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.10.5 Tianjin Golden Bridge Recent Developments/Updates

7.10.6 Tianjin Golden Bridge Competitive Strengths & Weaknesses

7.11 Jinglei Welding

7.11.1 Jinglei Welding Details

7.11.2 Jinglei Welding Major Business

7.11.3 Jinglei Welding Self-Shielded Flux Core Wire Product and Services

7.11.4 Jinglei Welding Self-Shielded Flux Core Wire Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.11.5 Jinglei Welding Recent Developments/Updates

7.11.6 Jinglei Welding Competitive Strengths & Weaknesses

8 INDUSTRY CHAIN ANALYSIS

8.1 Self-Shielded Flux Core Wire Industry Chain

8.2 Self-Shielded Flux Core Wire Upstream Analysis

8.2.1 Self-Shielded Flux Core Wire Core Raw Materials

8.2.2 Main Manufacturers of Self-Shielded Flux Core Wire Core Raw Materials

8.3 Midstream Analysis

8.4 Downstream Analysis

8.5 Self-Shielded Flux Core Wire Production Mode

8.6 Self-Shielded Flux Core Wire Procurement Model

8.7 Self-Shielded Flux Core Wire Industry Sales Model and Sales Channels

8.7.1 Self-Shielded Flux Core Wire Sales Model

8.7.2 Self-Shielded Flux Core Wire Typical Customers

9 RESEARCH FINDINGS AND CONCLUSION

10 APPENDIX

10.1 Methodology

10.2 Research Process and Data Source

10.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. World Self-Shielded Flux Core Wire Production Value by Region (2018, 2022 and 2029) & (USD Million)

Table 2. World Self-Shielded Flux Core Wire Production Value by Region (2018-2023) & (USD Million)

Table 3. World Self-Shielded Flux Core Wire Production Value by Region (2024-2029) & (USD Million)

Table 4. World Self-Shielded Flux Core Wire Production Value Market Share by Region (2018-2023)

Table 5. World Self-Shielded Flux Core Wire Production Value Market Share by Region (2024-2029)

Table 6. World Self-Shielded Flux Core Wire Production by Region (2018-2023) & (Tons)

Table 7. World Self-Shielded Flux Core Wire Production by Region (2024-2029) & (Tons)

Table 8. World Self-Shielded Flux Core Wire Production Market Share by Region (2018-2023)

Table 9. World Self-Shielded Flux Core Wire Production Market Share by Region (2024-2029)

Table 10. World Self-Shielded Flux Core Wire Average Price by Region (2018-2023) & (US\$/Ton)

Table 11. World Self-Shielded Flux Core Wire Average Price by Region (2024-2029) & (US\$/Ton)

Table 12. Self-Shielded Flux Core Wire Major Market Trends

Table 13. World Self-Shielded Flux Core Wire Consumption Growth Rate Forecast by Region (2018 & 2022 & 2029) & (Tons)

Table 14. World Self-Shielded Flux Core Wire Consumption by Region (2018-2023) & (Tons)

Table 15. World Self-Shielded Flux Core Wire Consumption Forecast by Region (2024-2029) & (Tons)

Table 16. World Self-Shielded Flux Core Wire Production Value by Manufacturer (2018-2023) & (USD Million)

Table 17. Production Value Market Share of Key Self-Shielded Flux Core Wire Producers in 2022

Table 18. World Self-Shielded Flux Core Wire Production by Manufacturer (2018-2023) & (Tons)

Table 19. Production Market Share of Key Self-Shielded Flux Core Wire Producers in 2022

Table 20. World Self-Shielded Flux Core Wire Average Price by Manufacturer (2018-2023) & (US\$/Ton)

Table 21. Global Self-Shielded Flux Core Wire Company Evaluation Quadrant

Table 22. World Self-Shielded Flux Core Wire Industry Rank of Major Manufacturers, Based on Production Value in 2022

Table 23. Head Office and Self-Shielded Flux Core Wire Production Site of Key Manufacturer

Table 24. Self-Shielded Flux Core Wire Market: Company Product Type Footprint

Table 25. Self-Shielded Flux Core Wire Market: Company Product Application Footprint

Table 26. Self-Shielded Flux Core Wire Competitive Factors

Table 27. Self-Shielded Flux Core Wire New Entrant and Capacity Expansion Plans

Table 28. Self-Shielded Flux Core Wire Mergers & Acquisitions Activity

Table 29. United States VS China Self-Shielded Flux Core Wire Production Value Comparison, (2018 & 2022 & 2029) & (USD Million)

Table 30. United States VS China Self-Shielded Flux Core Wire Production Comparison, (2018 & 2022 & 2029) & (Tons)

Table 31. United States VS China Self-Shielded Flux Core Wire Consumption Comparison, (2018 & 2022 & 2029) & (Tons)

Table 32. United States Based Self-Shielded Flux Core Wire Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers Self-Shielded Flux Core Wire Production Value, (2018-2023) & (USD Million)

Table 34. United States Based Manufacturers Self-Shielded Flux Core Wire Production Value Market Share (2018-2023)

Table 35. United States Based Manufacturers Self-Shielded Flux Core Wire Production (2018-2023) & (Tons)

Table 36. United States Based Manufacturers Self-Shielded Flux Core Wire Production Market Share (2018-2023)

Table 37. China Based Self-Shielded Flux Core Wire Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers Self-Shielded Flux Core Wire Production Value, (2018-2023) & (USD Million)

Table 39. China Based Manufacturers Self-Shielded Flux Core Wire Production Value Market Share (2018-2023)

Table 40. China Based Manufacturers Self-Shielded Flux Core Wire Production (2018-2023) & (Tons)

Table 41. China Based Manufacturers Self-Shielded Flux Core Wire Production Market

Share (2018-2023)

Table 42. Rest of World Based Self-Shielded Flux Core Wire Manufacturers, Headquarters and Production Site (States, Country)

Table 43. Rest of World Based Manufacturers Self-Shielded Flux Core Wire Production Value, (2018-2023) & (USD Million)

Table 44. Rest of World Based Manufacturers Self-Shielded Flux Core Wire Production Value Market Share (2018-2023)

Table 45. Rest of World Based Manufacturers Self-Shielded Flux Core Wire Production (2018-2023) & (Tons)

Table 46. Rest of World Based Manufacturers Self-Shielded Flux Core Wire Production Market Share (2018-2023)

Table 47. World Self-Shielded Flux Core Wire Production Value by Diameter, (USD Million), 2018 & 2022 & 2029

Table 48. World Self-Shielded Flux Core Wire Production by Diameter (2018-2023) & (Tons)

Table 49. World Self-Shielded Flux Core Wire Production by Diameter (2024-2029) & (Tons)

Table 50. World Self-Shielded Flux Core Wire Production Value by Diameter (2018-2023) & (USD Million)

Table 51. World Self-Shielded Flux Core Wire Production Value by Diameter (2024-2029) & (USD Million)

Table 52. World Self-Shielded Flux Core Wire Average Price by Diameter (2018-2023) & (US\$/Ton)

Table 53. World Self-Shielded Flux Core Wire Average Price by Diameter (2024-2029) & (US\$/Ton)

Table 54. World Self-Shielded Flux Core Wire Production Value by Application, (USD Million), 2018 & 2022 & 2029

Table 55. World Self-Shielded Flux Core Wire Production by Application (2018-2023) & (Tons)

Table 56. World Self-Shielded Flux Core Wire Production by Application (2024-2029) & (Tons)

Table 57. World Self-Shielded Flux Core Wire Production Value by Application (2018-2023) & (USD Million)

Table 58. World Self-Shielded Flux Core Wire Production Value by Application (2024-2029) & (USD Million)

Table 59. World Self-Shielded Flux Core Wire Average Price by Application (2018-2023) & (US\$/Ton)

Table 60. World Self-Shielded Flux Core Wire Average Price by Application (2024-2029) & (US\$/Ton)

- Table 61. ITW Basic Information, Manufacturing Base and Competitors
- Table 62. ITW Major Business
- Table 63. ITW Self-Shielded Flux Core Wire Product and Services
- Table 64. ITW Self-Shielded Flux Core Wire Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 65. ITW Recent Developments/Updates
- Table 66. ITW Competitive Strengths & Weaknesses
- Table 67. Kobelco Basic Information, Manufacturing Base and Competitors
- Table 68. Kobelco Major Business
- Table 69. Kobelco Self-Shielded Flux Core Wire Product and Services
- Table 70. Kobelco Self-Shielded Flux Core Wire Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 71. Kobelco Recent Developments/Updates
- Table 72. Kobelco Competitive Strengths & Weaknesses
- Table 73. Lincoln Electric Basic Information, Manufacturing Base and Competitors
- Table 74. Lincoln Electric Major Business
- Table 75. Lincoln Electric Self-Shielded Flux Core Wire Product and Services
- Table 76. Lincoln Electric Self-Shielded Flux Core Wire Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 77. Lincoln Electric Recent Developments/Updates
- Table 78. Lincoln Electric Competitive Strengths & Weaknesses
- Table 79. Voestalpine Basic Information, Manufacturing Base and Competitors
- Table 80. Voestalpine Major Business
- Table 81. Voestalpine Self-Shielded Flux Core Wire Product and Services
- Table 82. Voestalpine Self-Shielded Flux Core Wire Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 83. Voestalpine Recent Developments/Updates
- Table 84. Voestalpine Competitive Strengths & Weaknesses
- Table 85. ESAB Basic Information, Manufacturing Base and Competitors
- Table 86. ESAB Major Business
- Table 87. ESAB Self-Shielded Flux Core Wire Product and Services
- Table 88. ESAB Self-Shielded Flux Core Wire Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 89. ESAB Recent Developments/Updates
- Table 90. ESAB Competitive Strengths & Weaknesses
- Table 91. Hyundai Welding Basic Information, Manufacturing Base and Competitors
- Table 92. Hyundai Welding Major Business

- Table 93. Hyundai Welding Self-Shielded Flux Core Wire Product and Services
- Table 94. Hyundai Welding Self-Shielded Flux Core Wire Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 95. Hyundai Welding Recent Developments/Updates
- Table 96. Hyundai Welding Competitive Strengths & Weaknesses
- Table 97. Kiswel Basic Information, Manufacturing Base and Competitors
- Table 98. Kiswel Major Business
- Table 99. Kiswel Self-Shielded Flux Core Wire Product and Services
- Table 100. Kiswel Self-Shielded Flux Core Wire Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 101. Kiswel Recent Developments/Updates
- Table 102. Kiswel Competitive Strengths & Weaknesses
- Table 103. Forney Industries Basic Information, Manufacturing Base and Competitors
- Table 104. Forney Industries Major Business
- Table 105. Forney Industries Self-Shielded Flux Core Wire Product and Services
- Table 106. Forney Industries Self-Shielded Flux Core Wire Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 107. Forney Industries Recent Developments/Updates
- Table 108. Forney Industries Competitive Strengths & Weaknesses
- Table 109. Washington Alloy Basic Information, Manufacturing Base and Competitors
- Table 110. Washington Alloy Major Business
- Table 111. Washington Alloy Self-Shielded Flux Core Wire Product and Services
- Table 112. Washington Alloy Self-Shielded Flux Core Wire Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 113. Washington Alloy Recent Developments/Updates
- Table 114. Washington Alloy Competitive Strengths & Weaknesses
- Table 115. Tianjin Golden Bridge Basic Information, Manufacturing Base and Competitors
- Table 116. Tianjin Golden Bridge Major Business
- Table 117. Tianjin Golden Bridge Self-Shielded Flux Core Wire Product and Services
- Table 118. Tianjin Golden Bridge Self-Shielded Flux Core Wire Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 119. Tianjin Golden Bridge Recent Developments/Updates
- Table 120. Jinglei Welding Basic Information, Manufacturing Base and Competitors
- Table 121. Jinglei Welding Major Business

- Table 122. Jinglei Welding Self-Shielded Flux Core Wire Product and Services
- Table 123. Jinglei Welding Self-Shielded Flux Core Wire Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 124. Global Key Players of Self-Shielded Flux Core Wire Upstream (Raw Materials)
- Table 125. Self-Shielded Flux Core Wire Typical Customers
- Table 126. Self-Shielded Flux Core Wire Typical Distributors

LIST OF FIGURE

- Figure 1. Self-Shielded Flux Core Wire Picture
- Figure 2. World Self-Shielded Flux Core Wire Production Value: 2018 & 2022 & 2029, (USD Million)
- Figure 3. World Self-Shielded Flux Core Wire Production Value and Forecast (2018-2029) & (USD Million)
- Figure 4. World Self-Shielded Flux Core Wire Production (2018-2029) & (Tons)
- Figure 5. World Self-Shielded Flux Core Wire Average Price (2018-2029) & (US\$/Ton)
- Figure 6. World Self-Shielded Flux Core Wire Production Value Market Share by Region (2018-2029)
- Figure 7. World Self-Shielded Flux Core Wire Production Market Share by Region (2018-2029)
- Figure 8. North America Self-Shielded Flux Core Wire Production (2018-2029) & (Tons)
- Figure 9. Europe Self-Shielded Flux Core Wire Production (2018-2029) & (Tons)
- Figure 10. China Self-Shielded Flux Core Wire Production (2018-2029) & (Tons)
- Figure 11. Japan Self-Shielded Flux Core Wire Production (2018-2029) & (Tons)
- Figure 12. Self-Shielded Flux Core Wire Market Drivers
- Figure 13. Factors Affecting Demand
- Figure 14. World Self-Shielded Flux Core Wire Consumption (2018-2029) & (Tons)
- Figure 15. World Self-Shielded Flux Core Wire Consumption Market Share by Region (2018-2029)
- Figure 16. United States Self-Shielded Flux Core Wire Consumption (2018-2029) & (Tons)
- Figure 17. China Self-Shielded Flux Core Wire Consumption (2018-2029) & (Tons)
- Figure 18. Europe Self-Shielded Flux Core Wire Consumption (2018-2029) & (Tons)
- Figure 19. Japan Self-Shielded Flux Core Wire Consumption (2018-2029) & (Tons)
- Figure 20. South Korea Self-Shielded Flux Core Wire Consumption (2018-2029) & (Tons)
- Figure 21. ASEAN Self-Shielded Flux Core Wire Consumption (2018-2029) & (Tons)

Figure 22. India Self-Shielded Flux Core Wire Consumption (2018-2029) & (Tons)

Figure 23. Producer Shipments of Self-Shielded Flux Core Wire by Manufacturer Revenue (\$MM) and Market Share (%): 2022

Figure 24. Global Four-firm Concentration Ratios (CR4) for Self-Shielded Flux Core Wire Markets in 2022

Figure 25. Global Four-firm Concentration Ratios (CR8) for Self-Shielded Flux Core Wire Markets in 2022

Figure 26. United States VS China: Self-Shielded Flux Core Wire Production Value Market Share Comparison (2018 & 2022 & 2029)

Figure 27. United States VS China: Self-Shielded Flux Core Wire Production Market Share Comparison (2018 & 2022 & 2029)

Figure 28. United States VS China: Self-Shielded Flux Core Wire Consumption Market Share Comparison (2018 & 2022 & 2029)

Figure 29. United States Based Manufacturers Self-Shielded Flux Core Wire Production Market Share 2022

Figure 30. China Based Manufacturers Self-Shielded Flux Core Wire Production Market Share 2022

Figure 31. Rest of World Based Manufacturers Self-Shielded Flux Core Wire Production Market Share 2022

Figure 32. World Self-Shielded Flux Core Wire Production Value by Diameter, (USD Million), 2018 & 2022 & 2029

Figure 33. World Self-Shielded Flux Core Wire Production Value Market Share by Diameter in 2022

Figure 34. Below 1.0mm

Figure 35. 1.0-1.2mm

Figure 36. Above 1.2mm

Figure 37. World Self-Shielded Flux Core Wire Production Market Share by Diameter (2018-2029)

Figure 38. World Self-Shielded Flux Core Wire Production Value Market Share by Diameter (2018-2029)

Figure 39. World Self-Shielded Flux Core Wire Average Price by Diameter (2018-2029) & (US\$/Ton)

Figure 40. World Self-Shielded Flux Core Wire Production Value by Application, (USD Million), 2018 & 2022 & 2029

Figure 41. World Self-Shielded Flux Core Wire Production Value Market Share by Application in 2022

Figure 42. Construction

Figure 43. Shipbuilding

Figure 44. Repair Work

Figure 45. Others

Figure 46. World Self-Shielded Flux Core Wire Production Market Share by Application (2018-2029)

Figure 47. World Self-Shielded Flux Core Wire Production Value Market Share by Application (2018-2029)

Figure 48. World Self-Shielded Flux Core Wire Average Price by Application (2018-2029) & (US\$/Ton)

Figure 49. Self-Shielded Flux Core Wire Industry Chain

Figure 50. Self-Shielded Flux Core Wire Procurement Model

Figure 51. Self-Shielded Flux Core Wire Sales Model

Figure 52. Self-Shielded Flux Core Wire Sales Channels, Direct Sales, and Distribution

Figure 53. Methodology

Figure 54. Research Process and Data Source

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