

Global Anti-sagging Tungsten Wire Market Growth 2026-2032

<https://marketpublishers.com/r/GCCCBEA837E3EN.html>

Date: September 2026

Pages: 131

Price: US\$ 3,660.00 (Single User License)

ID: GCCCBEA837E3EN

Abstracts

The global Anti-sagging Tungsten Wire market size is predicted to grow from US\$ million in 2025 to US\$ million in 2032; it is expected to grow at a CAGR of % from 2026 to 2032.

Anti-sagging tungsten wire doped with K (potassium) or other elements to achieve the effect of non-sagging tungsten wire. With the use of K stimulants, the foam of the tungsten wire can be formed, which can prevent the recrystallization of the tungsten wire. Anti-sag tungsten wires are mainly used as filaments for incandescent lamps, fluorescent lamps and other bulbs and as heating wires for electronic tubes. Applicable to non-sagging tungsten materials, enabling anti-sag tungsten wire, tungsten wire strand properties. They can vibrate less when the light source or heating element is doped material for non-sagging tungsten filaments in use. Anti-sag tungsten filaments for automotive and motorcycle lights, is one of the most important applications. When anti-sag tungsten wire is used in the filament of this bulb, the wire can be used for cars and motorcycles to function most efficiently, achieving stable light from the lamp. Incandescent applications have the same effect.

United States market for Anti-sagging Tungsten Wire is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

China market for Anti-sagging Tungsten Wire is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

Europe market for Anti-sagging Tungsten Wire is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

Global key Anti-sagging Tungsten Wire players cover Midwest Tungsten Service, Takeishi Electric Co., Ltd, Elmet Technologies, American Elements, Metal Cutting Corporation, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2025.

LP Information, Inc. (LPI) ' newest research report, the “Anti-sagging Tungsten Wire Industry Forecast” looks at past sales and reviews total world Anti-sagging Tungsten Wire sales in 2025, providing a comprehensive analysis by region and market sector of projected Anti-sagging Tungsten Wire sales for 2026 through 2032. With Anti-sagging Tungsten Wire sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Anti-sagging Tungsten Wire industry.

This Insight Report provides a comprehensive analysis of the global Anti-sagging Tungsten Wire landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Anti-sagging Tungsten Wire portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Anti-sagging Tungsten Wire market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Anti-sagging Tungsten Wire and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Anti-sagging Tungsten Wire.

This report presents a comprehensive overview, market shares, and growth opportunities of Anti-sagging Tungsten Wire market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

Designation (W31)

Designation (W61)

Designation (W91)

Designation (WR15)

Segmentation by Application:

Light Bulb

Electronic Tube

Others

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analysing the company's coverage, product portfolio, its market penetration.

Midwest Tungsten Service

Takeishi Electric Co., Ltd

Elmet Technologies

American Elements

Metal Cutting Corporation

SVS Schwei?technik GmbH

Plansee

RD Mathis

Admat

Union City Filament

LADHANI METAL CORPORATION

Advanced Refractory Metals (ARM)

Chongyi Zhangyuan Tungsten Co.,Ltd

Xiamen Tungsten Co.,Ltd

China Tungsten And Hightech Materials Co.,Ltd

Weihai Multicrystal Tungsten And Molybdenum Technologies Co., Ltd

Advanced Technology & Materials Co.,Ltd

Guangdong Xianglu Tungsten Co.,Ltd

Key Questions Addressed in this Report

What is the 10-year outlook for the global Anti-sagging Tungsten Wire market?

What factors are driving Anti-sagging Tungsten Wire market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do Anti-sagging Tungsten Wire market opportunities vary by end market size?

How does Anti-sagging Tungsten Wire break out by Type, by Application?

Contents

1 SCOPE OF THE REPORT

- 1.1 Market Introduction
- 1.2 Years Considered
- 1.3 Research Objectives
- 1.4 Market Research Methodology
- 1.5 Research Process and Data Source
- 1.6 Economic Indicators
- 1.7 Currency Considered
- 1.8 Market Estimation Caveats

2 EXECUTIVE SUMMARY

- 2.1 World Market Overview
 - 2.1.1 Global Anti-sagging Tungsten Wire Annual Sales 2021-2032
 - 2.1.2 World Current & Future Analysis for Anti-sagging Tungsten Wire by Geographic Region, 2021, 2025 & 2032
 - 2.1.3 World Current & Future Analysis for Anti-sagging Tungsten Wire by Country/Region, 2021, 2025 & 2032
- 2.2 Anti-sagging Tungsten Wire Segment by Type
 - 2.2.1 Designation (W31)
 - 2.2.2 Designation (W61)
 - 2.2.3 Designation (W91)
 - 2.2.4 Designation (WR15)
 - 2.2.5 Anti-sagging Tungsten Wire Sales by Type
 - 2.2.5.1 Global Anti-sagging Tungsten Wire Sales Market Share by Type (2021-2026)
 - 2.2.5.2 Global Anti-sagging Tungsten Wire Revenue and Market Share by Type (2021-2026)
 - 2.2.5.3 Global Anti-sagging Tungsten Wire Sale Price by Type (2021-2026)
- 2.3 Anti-sagging Tungsten Wire Segment by Application
 - 2.3.1 Light Bulb
 - 2.3.2 Electronic Tube
 - 2.3.3 Others
 - 2.3.4 Anti-sagging Tungsten Wire Sales by Application
 - 2.3.4.1 Global Anti-sagging Tungsten Wire Sale Market Share by Application (2021-2026)
 - 2.3.4.2 Global Anti-sagging Tungsten Wire Revenue and Market Share by Application

(2021-2026)

2.3.4.3 Global Anti-sagging Tungsten Wire Sale Price by Application (2021-2026)

3 GLOBAL BY COMPANY

3.1 Global Anti-sagging Tungsten Wire Breakdown Data by Company

3.1.1 Global Anti-sagging Tungsten Wire Annual Sales by Company (2021-2026)

3.1.2 Global Anti-sagging Tungsten Wire Sales Market Share by Company

(2021-2026)

3.2 Global Anti-sagging Tungsten Wire Annual Revenue by Company (2021-2026)

3.2.1 Global Anti-sagging Tungsten Wire Revenue by Company (2021-2026)

3.2.2 Global Anti-sagging Tungsten Wire Revenue Market Share by Company

(2021-2026)

3.3 Global Anti-sagging Tungsten Wire Sale Price by Company

3.4 Key Manufacturers Anti-sagging Tungsten Wire Producing Area Distribution, Sales Area, Product Type

3.4.1 Key Manufacturers Anti-sagging Tungsten Wire Product Location Distribution

3.4.2 Players Anti-sagging Tungsten Wire Products Offered

3.5 Market Concentration Rate Analysis

3.5.1 Competition Landscape Analysis

3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2024-2026)

3.6 New Products and Potential Entrants

3.7 Market M&A Activity & Strategy

4 WORLD HISTORIC REVIEW FOR ANTI-SAGGING TUNGSTEN WIRE BY GEOGRAPHIC REGION

4.1 World Historic Anti-sagging Tungsten Wire Market Size by Geographic Region (2021-2026)

4.1.1 Global Anti-sagging Tungsten Wire Annual Sales by Geographic Region (2021-2026)

4.1.2 Global Anti-sagging Tungsten Wire Annual Revenue by Geographic Region (2021-2026)

4.2 World Historic Anti-sagging Tungsten Wire Market Size by Country/Region (2021-2026)

4.2.1 Global Anti-sagging Tungsten Wire Annual Sales by Country/Region (2021-2026)

4.2.2 Global Anti-sagging Tungsten Wire Annual Revenue by Country/Region (2021-2026)

- 4.3 Americas Anti-sagging Tungsten Wire Sales Growth
- 4.4 APAC Anti-sagging Tungsten Wire Sales Growth
- 4.5 Europe Anti-sagging Tungsten Wire Sales Growth
- 4.6 Middle East & Africa Anti-sagging Tungsten Wire Sales Growth

5 AMERICAS

- 5.1 Americas Anti-sagging Tungsten Wire Sales by Country
 - 5.1.1 Americas Anti-sagging Tungsten Wire Sales by Country (2021-2026)
 - 5.1.2 Americas Anti-sagging Tungsten Wire Revenue by Country (2021-2026)
- 5.2 Americas Anti-sagging Tungsten Wire Sales by Type (2021-2026)
- 5.3 Americas Anti-sagging Tungsten Wire Sales by Application (2021-2026)
- 5.4 United States
- 5.5 Canada
- 5.6 Mexico
- 5.7 Brazil

6 APAC

- 6.1 APAC Anti-sagging Tungsten Wire Sales by Region
 - 6.1.1 APAC Anti-sagging Tungsten Wire Sales by Region (2021-2026)
 - 6.1.2 APAC Anti-sagging Tungsten Wire Revenue by Region (2021-2026)
- 6.2 APAC Anti-sagging Tungsten Wire Sales by Type (2021-2026)
- 6.3 APAC Anti-sagging Tungsten Wire Sales by Application (2021-2026)
- 6.4 China
- 6.5 Japan
- 6.6 South Korea
- 6.7 Southeast Asia
- 6.8 India
- 6.9 Australia
- 6.10 China Taiwan

7 EUROPE

- 7.1 Europe Anti-sagging Tungsten Wire by Country
 - 7.1.1 Europe Anti-sagging Tungsten Wire Sales by Country (2021-2026)
 - 7.1.2 Europe Anti-sagging Tungsten Wire Revenue by Country (2021-2026)
- 7.2 Europe Anti-sagging Tungsten Wire Sales by Type (2021-2026)
- 7.3 Europe Anti-sagging Tungsten Wire Sales by Application (2021-2026)

7.4 Germany

7.5 France

7.6 UK

7.7 Italy

7.8 Russia

8 MIDDLE EAST & AFRICA

8.1 Middle East & Africa Anti-sagging Tungsten Wire by Country

8.1.1 Middle East & Africa Anti-sagging Tungsten Wire Sales by Country (2021-2026)

8.1.2 Middle East & Africa Anti-sagging Tungsten Wire Revenue by Country
(2021-2026)

8.2 Middle East & Africa Anti-sagging Tungsten Wire Sales by Type (2021-2026)

8.3 Middle East & Africa Anti-sagging Tungsten Wire Sales by Application (2021-2026)

8.4 Egypt

8.5 South Africa

8.6 Israel

8.7 Turkey

8.8 GCC Countries

9 MARKET DRIVERS, CHALLENGES AND TRENDS

9.1 Market Drivers & Growth Opportunities

9.2 Market Challenges & Risks

9.3 Industry Trends

10 MANUFACTURING COST STRUCTURE ANALYSIS

10.1 Raw Material and Suppliers

10.2 Manufacturing Cost Structure Analysis of Anti-sagging Tungsten Wire

10.3 Manufacturing Process Analysis of Anti-sagging Tungsten Wire

10.4 Industry Chain Structure of Anti-sagging Tungsten Wire

11 MARKETING, DISTRIBUTORS AND CUSTOMER

11.1 Sales Channel

11.1.1 Direct Channels

11.1.2 Indirect Channels

11.2 Anti-sagging Tungsten Wire Distributors

11.3 Anti-sagging Tungsten Wire Customer

12 WORLD FORECAST REVIEW FOR ANTI-SAGGING TUNGSTEN WIRE BY GEOGRAPHIC REGION

12.1 Global Anti-sagging Tungsten Wire Market Size Forecast by Region

12.1.1 Global Anti-sagging Tungsten Wire Forecast by Region (2027-2032)

12.1.2 Global Anti-sagging Tungsten Wire Annual Revenue Forecast by Region (2027-2032)

12.2 Americas Forecast by Country (2027-2032)

12.3 APAC Forecast by Region (2027-2032)

12.4 Europe Forecast by Country (2027-2032)

12.5 Middle East & Africa Forecast by Country (2027-2032)

12.6 Global Anti-sagging Tungsten Wire Forecast by Type (2027-2032)

12.7 Global Anti-sagging Tungsten Wire Forecast by Application (2027-2032)

13 KEY PLAYERS ANALYSIS

13.1 Midwest Tungsten Service

13.1.1 Midwest Tungsten Service Company Information

13.1.2 Midwest Tungsten Service Anti-sagging Tungsten Wire Product Portfolios and Specifications

13.1.3 Midwest Tungsten Service Anti-sagging Tungsten Wire Sales, Revenue, Price and Gross Margin (2021-2026)

13.1.4 Midwest Tungsten Service Main Business Overview

13.1.5 Midwest Tungsten Service Latest Developments

13.2 Takeishi Electric Co., Ltd

13.2.1 Takeishi Electric Co., Ltd Company Information

13.2.2 Takeishi Electric Co., Ltd Anti-sagging Tungsten Wire Product Portfolios and Specifications

13.2.3 Takeishi Electric Co., Ltd Anti-sagging Tungsten Wire Sales, Revenue, Price and Gross Margin (2021-2026)

13.2.4 Takeishi Electric Co., Ltd Main Business Overview

13.2.5 Takeishi Electric Co., Ltd Latest Developments

13.3 Elmet Technologies

13.3.1 Elmet Technologies Company Information

13.3.2 Elmet Technologies Anti-sagging Tungsten Wire Product Portfolios and Specifications

13.3.3 Elmet Technologies Anti-sagging Tungsten Wire Sales, Revenue, Price and

Gross Margin (2021-2026)

13.3.4 Elmet Technologies Main Business Overview

13.3.5 Elmet Technologies Latest Developments

13.4 American Elements

13.4.1 American Elements Company Information

13.4.2 American Elements Anti-sagging Tungsten Wire Product Portfolios and Specifications

13.4.3 American Elements Anti-sagging Tungsten Wire Sales, Revenue, Price and Gross Margin (2021-2026)

13.4.4 American Elements Main Business Overview

13.4.5 American Elements Latest Developments

13.5 Metal Cutting Corporation

13.5.1 Metal Cutting Corporation Company Information

13.5.2 Metal Cutting Corporation Anti-sagging Tungsten Wire Product Portfolios and Specifications

13.5.3 Metal Cutting Corporation Anti-sagging Tungsten Wire Sales, Revenue, Price and Gross Margin (2021-2026)

13.5.4 Metal Cutting Corporation Main Business Overview

13.5.5 Metal Cutting Corporation Latest Developments

13.6 SVS Schwei?technik GmbH

13.6.1 SVS Schwei?technik GmbH Company Information

13.6.2 SVS Schwei?technik GmbH Anti-sagging Tungsten Wire Product Portfolios and Specifications

13.6.3 SVS Schwei?technik GmbH Anti-sagging Tungsten Wire Sales, Revenue, Price and Gross Margin (2021-2026)

13.6.4 SVS Schwei?technik GmbH Main Business Overview

13.6.5 SVS Schwei?technik GmbH Latest Developments

13.7 Plansee

13.7.1 Plansee Company Information

13.7.2 Plansee Anti-sagging Tungsten Wire Product Portfolios and Specifications

13.7.3 Plansee Anti-sagging Tungsten Wire Sales, Revenue, Price and Gross Margin (2021-2026)

13.7.4 Plansee Main Business Overview

13.7.5 Plansee Latest Developments

13.8 RD Mathis

13.8.1 RD Mathis Company Information

13.8.2 RD Mathis Anti-sagging Tungsten Wire Product Portfolios and Specifications

13.8.3 RD Mathis Anti-sagging Tungsten Wire Sales, Revenue, Price and Gross Margin (2021-2026)

- 13.8.4 RD Mathis Main Business Overview
- 13.8.5 RD Mathis Latest Developments
- 13.9 Admat
 - 13.9.1 Admat Company Information
 - 13.9.2 Admat Anti-sagging Tungsten Wire Product Portfolios and Specifications
 - 13.9.3 Admat Anti-sagging Tungsten Wire Sales, Revenue, Price and Gross Margin (2021-2026)
 - 13.9.4 Admat Main Business Overview
 - 13.9.5 Admat Latest Developments
- 13.10 Union City Filament
 - 13.10.1 Union City Filament Company Information
 - 13.10.2 Union City Filament Anti-sagging Tungsten Wire Product Portfolios and Specifications
 - 13.10.3 Union City Filament Anti-sagging Tungsten Wire Sales, Revenue, Price and Gross Margin (2021-2026)
 - 13.10.4 Union City Filament Main Business Overview
 - 13.10.5 Union City Filament Latest Developments
- 13.11 LADHANI METAL CORPORATION
 - 13.11.1 LADHANI METAL CORPORATION Company Information
 - 13.11.2 LADHANI METAL CORPORATION Anti-sagging Tungsten Wire Product Portfolios and Specifications
 - 13.11.3 LADHANI METAL CORPORATION Anti-sagging Tungsten Wire Sales, Revenue, Price and Gross Margin (2021-2026)
 - 13.11.4 LADHANI METAL CORPORATION Main Business Overview
 - 13.11.5 LADHANI METAL CORPORATION Latest Developments
- 13.12 Advanced Refractory Metals (ARM)
 - 13.12.1 Advanced Refractory Metals (ARM) Company Information
 - 13.12.2 Advanced Refractory Metals (ARM) Anti-sagging Tungsten Wire Product Portfolios and Specifications
 - 13.12.3 Advanced Refractory Metals (ARM) Anti-sagging Tungsten Wire Sales, Revenue, Price and Gross Margin (2021-2026)
 - 13.12.4 Advanced Refractory Metals (ARM) Main Business Overview
 - 13.12.5 Advanced Refractory Metals (ARM) Latest Developments
- 13.13 Chongyi Zhangyuan Tungsten Co.,Ltd
 - 13.13.1 Chongyi Zhangyuan Tungsten Co.,Ltd Company Information
 - 13.13.2 Chongyi Zhangyuan Tungsten Co.,Ltd Anti-sagging Tungsten Wire Product Portfolios and Specifications
 - 13.13.3 Chongyi Zhangyuan Tungsten Co.,Ltd Anti-sagging Tungsten Wire Sales, Revenue, Price and Gross Margin (2021-2026)

- 13.13.4 Chongyi Zhangyuan Tungsten Co.,Ltd Main Business Overview
- 13.13.5 Chongyi Zhangyuan Tungsten Co.,Ltd Latest Developments
- 13.14 Xiamen Tungsten Co.,Ltd
 - 13.14.1 Xiamen Tungsten Co.,Ltd Company Information
 - 13.14.2 Xiamen Tungsten Co.,Ltd Anti-sagging Tungsten Wire Product Portfolios and Specifications
 - 13.14.3 Xiamen Tungsten Co.,Ltd Anti-sagging Tungsten Wire Sales, Revenue, Price and Gross Margin (2021-2026)
 - 13.14.4 Xiamen Tungsten Co.,Ltd Main Business Overview
 - 13.14.5 Xiamen Tungsten Co.,Ltd Latest Developments
- 13.15 China Tungsten And Hightech Materials Co.,Ltd
 - 13.15.1 China Tungsten And Hightech Materials Co.,Ltd Company Information
 - 13.15.2 China Tungsten And Hightech Materials Co.,Ltd Anti-sagging Tungsten Wire Product Portfolios and Specifications
 - 13.15.3 China Tungsten And Hightech Materials Co.,Ltd Anti-sagging Tungsten Wire Sales, Revenue, Price and Gross Margin (2021-2026)
 - 13.15.4 China Tungsten And Hightech Materials Co.,Ltd Main Business Overview
 - 13.15.5 China Tungsten And Hightech Materials Co.,Ltd Latest Developments
- 13.16 Weihai Multicrystal Tungsten And Molybdenum Technologies Co., Ltd
 - 13.16.1 Weihai Multicrystal Tungsten And Molybdenum Technologies Co., Ltd Company Information
 - 13.16.2 Weihai Multicrystal Tungsten And Molybdenum Technologies Co., Ltd Anti-sagging Tungsten Wire Product Portfolios and Specifications
 - 13.16.3 Weihai Multicrystal Tungsten And Molybdenum Technologies Co., Ltd Anti-sagging Tungsten Wire Sales, Revenue, Price and Gross Margin (2021-2026)
 - 13.16.4 Weihai Multicrystal Tungsten And Molybdenum Technologies Co., Ltd Main Business Overview
 - 13.16.5 Weihai Multicrystal Tungsten And Molybdenum Technologies Co., Ltd Latest Developments
- 13.17 Advanced Technology & Materials Co.,Ltd
 - 13.17.1 Advanced Technology & Materials Co.,Ltd Company Information
 - 13.17.2 Advanced Technology & Materials Co.,Ltd Anti-sagging Tungsten Wire Product Portfolios and Specifications
 - 13.17.3 Advanced Technology & Materials Co.,Ltd Anti-sagging Tungsten Wire Sales, Revenue, Price and Gross Margin (2021-2026)
 - 13.17.4 Advanced Technology & Materials Co.,Ltd Main Business Overview
 - 13.17.5 Advanced Technology & Materials Co.,Ltd Latest Developments
- 13.18 Guangdong Xianglu Tungsten Co.,Ltd
 - 13.18.1 Guangdong Xianglu Tungsten Co.,Ltd Company Information

13.18.2 Guangdong Xianglu Tungsten Co.,Ltd Anti-sagging Tungsten Wire Product Portfolios and Specifications

13.18.3 Guangdong Xianglu Tungsten Co.,Ltd Anti-sagging Tungsten Wire Sales, Revenue, Price and Gross Margin (2021-2026)

13.18.4 Guangdong Xianglu Tungsten Co.,Ltd Main Business Overview

13.18.5 Guangdong Xianglu Tungsten Co.,Ltd Latest Developments

14 RESEARCH FINDINGS AND CONCLUSION

List Of Tables

LIST OF TABLES

Table 1. Anti-sagging Tungsten Wire Annual Sales CAGR by Geographic Region (2021, 2025 & 2032) & (\$ millions)

Table 2. Anti-sagging Tungsten Wire Annual Sales CAGR by Country/Region (2021, 2025 & 2032) & (\$ millions)

Table 3. Major Players of Designation (W31)

Table 4. Major Players of Designation (W61)

Table 5. Major Players of Designation (W91)

Table 6. Major Players of Designation (WR15)

Table 7. Global Anti-sagging Tungsten Wire Sales by Type (2021-2026) & (Tons)

Table 8. Global Anti-sagging Tungsten Wire Sales Market Share by Type (2021-2026)

Table 9. Global Anti-sagging Tungsten Wire Revenue by Type (2021-2026) & (\$ million)

Table 10. Global Anti-sagging Tungsten Wire Revenue Market Share by Type (2021-2026)

Table 11. Global Anti-sagging Tungsten Wire Sale Price by Type (2021-2026) & (US\$/Ton)

Table 12. Global Anti-sagging Tungsten Wire Sale by Application (2021-2026) & (Tons)

Table 13. Global Anti-sagging Tungsten Wire Sale Market Share by Application (2021-2026)

Table 14. Global Anti-sagging Tungsten Wire Revenue by Application (2021-2026) & (\$ million)

Table 15. Global Anti-sagging Tungsten Wire Revenue Market Share by Application (2021-2026)

Table 16. Global Anti-sagging Tungsten Wire Sale Price by Application (2021-2026) & (US\$/Ton)

Table 17. Global Anti-sagging Tungsten Wire Sales by Company (2021-2026) & (Tons)

Table 18. Global Anti-sagging Tungsten Wire Sales Market Share by Company (2021-2026)

Table 19. Global Anti-sagging Tungsten Wire Revenue by Company (2021-2026) & (\$ millions)

Table 20. Global Anti-sagging Tungsten Wire Revenue Market Share by Company (2021-2026)

Table 21. Global Anti-sagging Tungsten Wire Sale Price by Company (2021-2026) & (US\$/Ton)

Table 22. Key Manufacturers Anti-sagging Tungsten Wire Producing Area Distribution and Sales Area

Table 23. Players Anti-sagging Tungsten Wire Products Offered
Table 24. Anti-sagging Tungsten Wire Concentration Ratio (CR3, CR5 and CR10) & (2024-2026)
Table 25. New Products and Potential Entrants
Table 26. Market M&A Activity & Strategy
Table 27. Global Anti-sagging Tungsten Wire Sales by Geographic Region (2021-2026) & (Tons)
Table 28. Global Anti-sagging Tungsten Wire Sales Market Share Geographic Region (2021-2026)
Table 29. Global Anti-sagging Tungsten Wire Revenue by Geographic Region (2021-2026) & (\$ millions)
Table 30. Global Anti-sagging Tungsten Wire Revenue Market Share by Geographic Region (2021-2026)
Table 31. Global Anti-sagging Tungsten Wire Sales by Country/Region (2021-2026) & (Tons)
Table 32. Global Anti-sagging Tungsten Wire Sales Market Share by Country/Region (2021-2026)
Table 33. Global Anti-sagging Tungsten Wire Revenue by Country/Region (2021-2026) & (\$ millions)
Table 34. Global Anti-sagging Tungsten Wire Revenue Market Share by Country/Region (2021-2026)
Table 35. Americas Anti-sagging Tungsten Wire Sales by Country (2021-2026) & (Tons)
Table 36. Americas Anti-sagging Tungsten Wire Sales Market Share by Country (2021-2026)
Table 37. Americas Anti-sagging Tungsten Wire Revenue by Country (2021-2026) & (\$ millions)
Table 38. Americas Anti-sagging Tungsten Wire Sales by Type (2021-2026) & (Tons)
Table 39. Americas Anti-sagging Tungsten Wire Sales by Application (2021-2026) & (Tons)
Table 40. APAC Anti-sagging Tungsten Wire Sales by Region (2021-2026) & (Tons)
Table 41. APAC Anti-sagging Tungsten Wire Sales Market Share by Region (2021-2026)
Table 42. APAC Anti-sagging Tungsten Wire Revenue by Region (2021-2026) & (\$ millions)
Table 43. APAC Anti-sagging Tungsten Wire Sales by Type (2021-2026) & (Tons)
Table 44. APAC Anti-sagging Tungsten Wire Sales by Application (2021-2026) & (Tons)
Table 45. Europe Anti-sagging Tungsten Wire Sales by Country (2021-2026) & (Tons)
Table 46. Europe Anti-sagging Tungsten Wire Revenue by Country (2021-2026) & (\$ millions)

Table 47. Europe Anti-sagging Tungsten Wire Sales by Type (2021-2026) & (Tons)

Table 48. Europe Anti-sagging Tungsten Wire Sales by Application (2021-2026) & (Tons)

Table 49. Middle East & Africa Anti-sagging Tungsten Wire Sales by Country (2021-2026) & (Tons)

Table 50. Middle East & Africa Anti-sagging Tungsten Wire Revenue Market Share by Country (2021-2026)

Table 51. Middle East & Africa Anti-sagging Tungsten Wire Sales by Type (2021-2026) & (Tons)

Table 52. Middle East & Africa Anti-sagging Tungsten Wire Sales by Application (2021-2026) & (Tons)

Table 53. Key Market Drivers & Growth Opportunities of Anti-sagging Tungsten Wire

Table 54. Key Market Challenges & Risks of Anti-sagging Tungsten Wire

Table 55. Key Industry Trends of Anti-sagging Tungsten Wire

Table 56. Anti-sagging Tungsten Wire Raw Material

Table 57. Key Suppliers of Raw Materials

Table 58. Anti-sagging Tungsten Wire Distributors List

Table 59. Anti-sagging Tungsten Wire Customer List

Table 60. Global Anti-sagging Tungsten Wire Sales Forecast by Region (2027-2032) & (Tons)

Table 61. Global Anti-sagging Tungsten Wire Revenue Forecast by Region (2027-2032) & (\$ millions)

Table 62. Americas Anti-sagging Tungsten Wire Sales Forecast by Country (2027-2032) & (Tons)

Table 63. Americas Anti-sagging Tungsten Wire Annual Revenue Forecast by Country (2027-2032) & (\$ millions)

Table 64. APAC Anti-sagging Tungsten Wire Sales Forecast by Region (2027-2032) & (Tons)

Table 65. APAC Anti-sagging Tungsten Wire Annual Revenue Forecast by Region (2027-2032) & (\$ millions)

Table 66. Europe Anti-sagging Tungsten Wire Sales Forecast by Country (2027-2032) & (Tons)

Table 67. Europe Anti-sagging Tungsten Wire Revenue Forecast by Country (2027-2032) & (\$ millions)

Table 68. Middle East & Africa Anti-sagging Tungsten Wire Sales Forecast by Country (2027-2032) & (Tons)

Table 69. Middle East & Africa Anti-sagging Tungsten Wire Revenue Forecast by Country (2027-2032) & (\$ millions)

Table 70. Global Anti-sagging Tungsten Wire Sales Forecast by Type (2027-2032) &

(Tons)

Table 71. Global Anti-sagging Tungsten Wire Revenue Forecast by Type (2027-2032) & (\$ millions)

Table 72. Global Anti-sagging Tungsten Wire Sales Forecast by Application (2027-2032) & (Tons)

Table 73. Global Anti-sagging Tungsten Wire Revenue Forecast by Application (2027-2032) & (\$ millions)

Table 74. Midwest Tungsten Service Basic Information, Anti-sagging Tungsten Wire Manufacturing Base, Sales Area and Its Competitors

Table 75. Midwest Tungsten Service Anti-sagging Tungsten Wire Product Portfolios and Specifications

Table 76. Midwest Tungsten Service Anti-sagging Tungsten Wire Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2021-2026)

Table 77. Midwest Tungsten Service Main Business

Table 78. Midwest Tungsten Service Latest Developments

Table 79. Takeishi Electric Co., Ltd Basic Information, Anti-sagging Tungsten Wire Manufacturing Base, Sales Area and Its Competitors

Table 80. Takeishi Electric Co., Ltd Anti-sagging Tungsten Wire Product Portfolios and Specifications

Table 81. Takeishi Electric Co., Ltd Anti-sagging Tungsten Wire Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2021-2026)

Table 82. Takeishi Electric Co., Ltd Main Business

Table 83. Takeishi Electric Co., Ltd Latest Developments

Table 84. Elmet Technologies Basic Information, Anti-sagging Tungsten Wire Manufacturing Base, Sales Area and Its Competitors

Table 85. Elmet Technologies Anti-sagging Tungsten Wire Product Portfolios and Specifications

Table 86. Elmet Technologies Anti-sagging Tungsten Wire Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2021-2026)

Table 87. Elmet Technologies Main Business

Table 88. Elmet Technologies Latest Developments

Table 89. American Elements Basic Information, Anti-sagging Tungsten Wire Manufacturing Base, Sales Area and Its Competitors

Table 90. American Elements Anti-sagging Tungsten Wire Product Portfolios and Specifications

Table 91. American Elements Anti-sagging Tungsten Wire Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2021-2026)

Table 92. American Elements Main Business

Table 93. American Elements Latest Developments

Table 94. Metal Cutting Corporation Basic Information, Anti-sagging Tungsten Wire Manufacturing Base, Sales Area and Its Competitors

Table 95. Metal Cutting Corporation Anti-sagging Tungsten Wire Product Portfolios and Specifications

Table 96. Metal Cutting Corporation Anti-sagging Tungsten Wire Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2021-2026)

Table 97. Metal Cutting Corporation Main Business

Table 98. Metal Cutting Corporation Latest Developments

Table 99. SVS Schwei?technik GmbH Basic Information, Anti-sagging Tungsten Wire Manufacturing Base, Sales Area and Its Competitors

Table 100. SVS Schwei?technik GmbH Anti-sagging Tungsten Wire Product Portfolios and Specifications

Table 101. SVS Schwei?technik GmbH Anti-sagging Tungsten Wire Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2021-2026)

Table 102. SVS Schwei?technik GmbH Main Business

Table 103. SVS Schwei?technik GmbH Latest Developments

Table 104. Plansee Basic Information, Anti-sagging Tungsten Wire Manufacturing Base, Sales Area and Its Competitors

Table 105. Plansee Anti-sagging Tungsten Wire Product Portfolios and Specifications

Table 106. Plansee Anti-sagging Tungsten Wire Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2021-2026)

Table 107. Plansee Main Business

Table 108. Plansee Latest Developments

Table 109. RD Mathis Basic Information, Anti-sagging Tungsten Wire Manufacturing Base, Sales Area and Its Competitors

Table 110. RD Mathis Anti-sagging Tungsten Wire Product Portfolios and Specifications

Table 111. RD Mathis Anti-sagging Tungsten Wire Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2021-2026)

Table 112. RD Mathis Main Business

Table 113. RD Mathis Latest Developments

Table 114. Admat Basic Information, Anti-sagging Tungsten Wire Manufacturing Base, Sales Area and Its Competitors

Table 115. Admat Anti-sagging Tungsten Wire Product Portfolios and Specifications

Table 116. Admat Anti-sagging Tungsten Wire Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2021-2026)

Table 117. Admat Main Business

Table 118. Admat Latest Developments

Table 119. Union City Filament Basic Information, Anti-sagging Tungsten Wire Manufacturing Base, Sales Area and Its Competitors

Table 120. Union City Filament Anti-sagging Tungsten Wire Product Portfolios and Specifications

Table 121. Union City Filament Anti-sagging Tungsten Wire Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2021-2026)

Table 122. Union City Filament Main Business

Table 123. Union City Filament Latest Developments

Table 124. LADHANI METAL CORPORATION Basic Information, Anti-sagging Tungsten Wire Manufacturing Base, Sales Area and Its Competitors

Table 125. LADHANI METAL CORPORATION Anti-sagging Tungsten Wire Product Portfolios and Specifications

Table 126. LADHANI METAL CORPORATION Anti-sagging Tungsten Wire Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2021-2026)

Table 127. LADHANI METAL CORPORATION Main Business

Table 128. LADHANI METAL CORPORATION Latest Developments

Table 129. Advanced Refractory Metals (ARM) Basic Information, Anti-sagging Tungsten Wire Manufacturing Base, Sales Area and Its Competitors

Table 130. Advanced Refractory Metals (ARM) Anti-sagging Tungsten Wire Product Portfolios and Specifications

Table 131. Advanced Refractory Metals (ARM) Anti-sagging Tungsten Wire Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2021-2026)

Table 132. Advanced Refractory Metals (ARM) Main Business

Table 133. Advanced Refractory Metals (ARM) Latest Developments

Table 134. Chongyi Zhangyuan Tungsten Co.,Ltd Basic Information, Anti-sagging Tungsten Wire Manufacturing Base, Sales Area and Its Competitors

Table 135. Chongyi Zhangyuan Tungsten Co.,Ltd Anti-sagging Tungsten Wire Product Portfolios and Specifications

Table 136. Chongyi Zhangyuan Tungsten Co.,Ltd Anti-sagging Tungsten Wire Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2021-2026)

Table 137. Chongyi Zhangyuan Tungsten Co.,Ltd Main Business

Table 138. Chongyi Zhangyuan Tungsten Co.,Ltd Latest Developments

Table 139. Xiamen Tungsten Co.,Ltd Basic Information, Anti-sagging Tungsten Wire Manufacturing Base, Sales Area and Its Competitors

Table 140. Xiamen Tungsten Co.,Ltd Anti-sagging Tungsten Wire Product Portfolios and Specifications

Table 141. Xiamen Tungsten Co.,Ltd Anti-sagging Tungsten Wire Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2021-2026)

Table 142. Xiamen Tungsten Co.,Ltd Main Business

Table 143. Xiamen Tungsten Co.,Ltd Latest Developments

Table 144. China Tungsten And Hightech Materials Co.,Ltd Basic Information, Anti-

sagging Tungsten Wire Manufacturing Base, Sales Area and Its Competitors
Table 145. China Tungsten And Hightech Materials Co.,Ltd Anti-sagging Tungsten Wire Product Portfolios and Specifications
Table 146. China Tungsten And Hightech Materials Co.,Ltd Anti-sagging Tungsten Wire Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2021-2026)
Table 147. China Tungsten And Hightech Materials Co.,Ltd Main Business
Table 148. China Tungsten And Hightech Materials Co.,Ltd Latest Developments
Table 149. Weihai Multicrystal Tungsten And Molybdenum Technologies Co., Ltd Basic Information, Anti-sagging Tungsten Wire Manufacturing Base, Sales Area and Its Competitors
Table 150. Weihai Multicrystal Tungsten And Molybdenum Technologies Co., Ltd Anti-sagging Tungsten Wire Product Portfolios and Specifications
Table 151. Weihai Multicrystal Tungsten And Molybdenum Technologies Co., Ltd Anti-sagging Tungsten Wire Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2021-2026)
Table 152. Weihai Multicrystal Tungsten And Molybdenum Technologies Co., Ltd Main Business
Table 153. Weihai Multicrystal Tungsten And Molybdenum Technologies Co., Ltd Latest Developments
Table 154. Advanced Technology & Materials Co.,Ltd Basic Information, Anti-sagging Tungsten Wire Manufacturing Base, Sales Area and Its Competitors
Table 155. Advanced Technology & Materials Co.,Ltd Anti-sagging Tungsten Wire Product Portfolios and Specifications
Table 156. Advanced Technology & Materials Co.,Ltd Anti-sagging Tungsten Wire Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2021-2026)
Table 157. Advanced Technology & Materials Co.,Ltd Main Business
Table 158. Advanced Technology & Materials Co.,Ltd Latest Developments
Table 159. Guangdong Xianglu Tungsten Co.,Ltd Basic Information, Anti-sagging Tungsten Wire Manufacturing Base, Sales Area and Its Competitors
Table 160. Guangdong Xianglu Tungsten Co.,Ltd Anti-sagging Tungsten Wire Product Portfolios and Specifications
Table 161. Guangdong Xianglu Tungsten Co.,Ltd Anti-sagging Tungsten Wire Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2021-2026)
Table 162. Guangdong Xianglu Tungsten Co.,Ltd Main Business
Table 163. Guangdong Xianglu Tungsten Co.,Ltd Latest Developments

List Of Figures

LIST OF FIGURES

- Figure 1. Picture of Anti-sagging Tungsten Wire
- Figure 2. Anti-sagging Tungsten Wire Report Years Considered
- Figure 3. Research Objectives
- Figure 4. Research Methodology
- Figure 5. Research Process and Data Source
- Figure 6. Global Anti-sagging Tungsten Wire Sales Growth Rate 2021-2032 (Tons)
- Figure 7. Global Anti-sagging Tungsten Wire Revenue Growth Rate 2021-2032 (\$ millions)
- Figure 8. Anti-sagging Tungsten Wire Sales by Geographic Region (2021, 2025 & 2032) & (\$ millions)
- Figure 9. Anti-sagging Tungsten Wire Sales Market Share by Country/Region (2025)
- Figure 10. Anti-sagging Tungsten Wire Sales Market Share by Country/Region (2021, 2025 & 2032)
- Figure 11. Product Picture of Designation (W31)
- Figure 12. Product Picture of Designation (W61)
- Figure 13. Product Picture of Designation (W91)
- Figure 14. Product Picture of Designation (WR15)
- Figure 15. Global Anti-sagging Tungsten Wire Sales Market Share by Type in 2026
- Figure 16. Global Anti-sagging Tungsten Wire Revenue Market Share by Type (2021-2026)
- Figure 17. Anti-sagging Tungsten Wire Consumed in Light Bulb
- Figure 18. Global Anti-sagging Tungsten Wire Market: Light Bulb (2021-2026) & (Tons)
- Figure 19. Anti-sagging Tungsten Wire Consumed in Electronic Tube
- Figure 20. Global Anti-sagging Tungsten Wire Market: Electronic Tube (2021-2026) & (Tons)
- Figure 21. Anti-sagging Tungsten Wire Consumed in Others
- Figure 22. Global Anti-sagging Tungsten Wire Market: Others (2021-2026) & (Tons)
- Figure 23. Global Anti-sagging Tungsten Wire Sale Market Share by Application (2025)
- Figure 24. Global Anti-sagging Tungsten Wire Revenue Market Share by Application in 2026
- Figure 25. Anti-sagging Tungsten Wire Sales by Company in 2026 (Tons)
- Figure 26. Global Anti-sagging Tungsten Wire Sales Market Share by Company in 2026
- Figure 27. Anti-sagging Tungsten Wire Revenue by Company in 2026 (\$ millions)
- Figure 28. Global Anti-sagging Tungsten Wire Revenue Market Share by Company in 2026

Figure 29. Global Anti-sagging Tungsten Wire Sales Market Share by Geographic Region (2021-2026)

Figure 30. Global Anti-sagging Tungsten Wire Revenue Market Share by Geographic Region in 2026

Figure 31. Americas Anti-sagging Tungsten Wire Sales 2021-2026 (Tons)

Figure 32. Americas Anti-sagging Tungsten Wire Revenue 2021-2026 (\$ millions)

Figure 33. APAC Anti-sagging Tungsten Wire Sales 2021-2026 (Tons)

Figure 34. APAC Anti-sagging Tungsten Wire Revenue 2021-2026 (\$ millions)

Figure 35. Europe Anti-sagging Tungsten Wire Sales 2021-2026 (Tons)

Figure 36. Europe Anti-sagging Tungsten Wire Revenue 2021-2026 (\$ millions)

Figure 37. Middle East & Africa Anti-sagging Tungsten Wire Sales 2021-2026 (Tons)

Figure 38. Middle East & Africa Anti-sagging Tungsten Wire Revenue 2021-2026 (\$ millions)

Figure 39. Americas Anti-sagging Tungsten Wire Sales Market Share by Country in 2026

Figure 40. Americas Anti-sagging Tungsten Wire Revenue Market Share by Country (2021-2026)

Figure 41. Americas Anti-sagging Tungsten Wire Sales Market Share by Type (2021-2026)

Figure 42. Americas Anti-sagging Tungsten Wire Sales Market Share by Application (2021-2026)

Figure 43. United States Anti-sagging Tungsten Wire Revenue Growth 2021-2026 (\$ millions)

Figure 44. Canada Anti-sagging Tungsten Wire Revenue Growth 2021-2026 (\$ millions)

Figure 45. Mexico Anti-sagging Tungsten Wire Revenue Growth 2021-2026 (\$ millions)

Figure 46. Brazil Anti-sagging Tungsten Wire Revenue Growth 2021-2026 (\$ millions)

Figure 47. APAC Anti-sagging Tungsten Wire Sales Market Share by Region in 2026

Figure 48. APAC Anti-sagging Tungsten Wire Revenue Market Share by Region (2021-2026)

Figure 49. APAC Anti-sagging Tungsten Wire Sales Market Share by Type (2021-2026)

Figure 50. APAC Anti-sagging Tungsten Wire Sales Market Share by Application (2021-2026)

Figure 51. China Anti-sagging Tungsten Wire Revenue Growth 2021-2026 (\$ millions)

Figure 52. Japan Anti-sagging Tungsten Wire Revenue Growth 2021-2026 (\$ millions)

Figure 53. South Korea Anti-sagging Tungsten Wire Revenue Growth 2021-2026 (\$ millions)

Figure 54. Southeast Asia Anti-sagging Tungsten Wire Revenue Growth 2021-2026 (\$ millions)

Figure 55. India Anti-sagging Tungsten Wire Revenue Growth 2021-2026 (\$ millions)

Figure 56. Australia Anti-sagging Tungsten Wire Revenue Growth 2021-2026 (\$ millions)

Figure 57. China Taiwan Anti-sagging Tungsten Wire Revenue Growth 2021-2026 (\$ millions)

Figure 58. Europe Anti-sagging Tungsten Wire Sales Market Share by Country in 2026

Figure 59. Europe Anti-sagging Tungsten Wire Revenue Market Share by Country (2021-2026)

Figure 60. Europe Anti-sagging Tungsten Wire Sales Market Share by Type (2021-2026)

Figure 61. Europe Anti-sagging Tungsten Wire Sales Market Share by Application (2021-2026)

Figure 62. Germany Anti-sagging Tungsten Wire Revenue Growth 2021-2026 (\$ millions)

Figure 63. France Anti-sagging Tungsten Wire Revenue Growth 2021-2026 (\$ millions)

Figure 64. UK Anti-sagging Tungsten Wire Revenue Growth 2021-2026 (\$ millions)

Figure 65. Italy Anti-sagging Tungsten Wire Revenue Growth 2021-2026 (\$ millions)

Figure 66. Russia Anti-sagging Tungsten Wire Revenue Growth 2021-2026 (\$ millions)

Figure 67. Middle East & Africa Anti-sagging Tungsten Wire Sales Market Share by Country (2021-2026)

Figure 68. Middle East & Africa Anti-sagging Tungsten Wire Sales Market Share by Type (2021-2026)

Figure 69. Middle East & Africa Anti-sagging Tungsten Wire Sales Market Share by Application (2021-2026)

Figure 70. Egypt Anti-sagging Tungsten Wire Revenue Growth 2021-2026 (\$ millions)

Figure 71. South Africa Anti-sagging Tungsten Wire Revenue Growth 2021-2026 (\$ millions)

Figure 72. Israel Anti-sagging Tungsten Wire Revenue Growth 2021-2026 (\$ millions)

Figure 73. Turkey Anti-sagging Tungsten Wire Revenue Growth 2021-2026 (\$ millions)

Figure 74. GCC Countries Anti-sagging Tungsten Wire Revenue Growth 2021-2026 (\$ millions)

Figure 75. Manufacturing Cost Structure Analysis of Anti-sagging Tungsten Wire in 2026

Figure 76. Manufacturing Process Analysis of Anti-sagging Tungsten Wire

Figure 77. Industry Chain Structure of Anti-sagging Tungsten Wire

Figure 78. Channels of Distribution

Figure 79. Global Anti-sagging Tungsten Wire Sales Market Forecast by Region (2027-2032)

Figure 80. Global Anti-sagging Tungsten Wire Revenue Market Share Forecast by Region (2027-2032)

Figure 81. Global Anti-sagging Tungsten Wire Sales Market Share Forecast by Type (2027-2032)

Figure 82. Global Anti-sagging Tungsten Wire Revenue Market Share Forecast by Type (2027-2032)

Figure 83. Global Anti-sagging Tungsten Wire Sales Market Share Forecast by Application (2027-2032)

Figure 84. Global Anti-sagging Tungsten Wire Revenue Market Share Forecast by Application (2027-2032)

I would like to order

Product name: Global Anti-sagging Tungsten Wire Market Growth 2026-2032

Product link: <https://marketpublishers.com/r/GCCCCBEA837E3EN.html>

Price: US\$ 3,660.00 (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/GCCCCBEA837E3EN.html>