

Copper Tubes - Company Evaluation Report, 2025

Market Report | 2025-08-01 | 123 pages | MarketsandMarkets

AVAILABLE LICENSES:

- Single User \$2650.00
- Corporate License \$4250.00

Report description:

The Copper Tubes Companies Quadrant is a comprehensive industry analysis that provides valuable insights into the global market for Copper Tubes. This quadrant offers a detailed evaluation of key market players, technological advancements, product innovations, and emerging trends shaping the industry. MarketsandMarkets 360 Quadrants evaluated over 100 companies, of which the Top 10 Copper Tubes Companies were categorized and recognized as quadrant leaders.

The global copper tubes market is witnessing substantial growth, fueled by rising demand across various industries including HVACR (Heating, Ventilation, Air Conditioning, and Refrigeration), plumbing, medical, gas distribution, automotive, and industrial sectors. A major factor driving this growth is the increase in construction and infrastructure projects, particularly in developing countries, which boosts the need for efficient plumbing and climate control systems. The emphasis on energy-efficient buildings, increased awareness of indoor air quality, and rapid urban development have further accelerated the adoption of HVACR systems. Copper tubes are essential in these systems due to their excellent thermal conductivity, corrosion resistance, and long-term durability. Moreover, copper's ability to be 100% recycled makes it an environmentally friendly option, aligning well with global initiatives promoting green construction and the circular economy.

Copper tubes are cylindrical and hollow products manufactured mainly from refined copper and are extensively used in multiple industries owing to their exceptional thermal and electrical conductivity, resistance to corrosion, strength, and recyclability. The copper tubes market includes the production, supply, and utilization of different types of copper tubing such as straight tubes, coils, and capillary tubes. These are typically classified by standards like Type K, Type L, and Type M, which vary based on wall thickness and pressure capacities. Copper tubes are vital in HVACR systems, plumbing, gas distribution networks, automotive systems, and medical gas delivery infrastructures. They serve a crucial role in conveying fluids and gases under varying pressures and temperatures. Known for their long service life, ease of installation, antimicrobial features, and sustainability, copper tubes are preferred in many applications. The market is shaped by developments in construction, infrastructure, renewable energy, and innovations in manufacturing technologies.

The 360 Quadrant maps the Copper Tubes companies based on criteria such as revenue, geographic presence, growth strategies, investments, and sales strategies for the market presence of the Copper Tubes quadrant. The top criteria for product footprint evaluation included By APPLICATION (HVACR, Plumbing, Industrial, Medical, Automotive, Other Applications), By FORM (Straight Tubes, Coils, Capillary Tubes, Other Forms), By THICKNESS (Standard Gage, Extra-heavy Gage, Thin-wall Gage, Other Thicknesses), and By TYPE (Type K, Type M, Type L, Other Types).

Key players in the Copper Tubes market include major global corporations and specialized innovators such as KME Group SpA,

Wieland Group, Cerro Flow Products LLC, LUVATA, KOBE STEEL, LTD., Mueller Industries, Cambridge-Lee Industries Llc, Hailiang Group, Shanghai Metal Corporation, and Qingdao Hongtai Copper Co., Ltd. These companies are actively investing in research and development, forming strategic partnerships, and engaging in collaborative initiatives to drive innovation, expand their global footprint, and maintain a competitive edge in this rapidly evolving market.

Top 3 Companies

Wieland Group

Wieland Group is distinguished by its expansive global presence and sustainability initiatives. The company operates widely across Europe, North America, and Asia, serving sectors like plumbing, HVAC, and heat exchangers. Wieland's innovation includes the Cuprolife initiative, producing copper tubes made from 100% recycled materials, catering to eco-conscious markets. This aligns with the global push toward sustainability. Its commitment to high-quality precision tubes supports its leadership position in energy-efficient systems, strengthened by strategic acquisitions like Small Tube Products and Farmers Copper Ltd., enhancing its production capacity and market share.

KME Group SpA

KME Group SpA of Italy maintains a competitive edge through its strong European market presence and strategic financial maneuvers, including the NYSE listing of its Cunova unit, which has bolstered its financial flexibility. The company produces 140 kilotons of copper tubes primarily for HVAC and plumbing applications, which comply with international standards like ASTM B88. KME's focus on durable and high-quality tubes cater to diverse needs, making it a preferred supplier for large-scale international projects.

KOBE STEEL, LTD.

Japanese multinational KOBE STEEL, LTD. commands significant influence in the Asia Pacific market, particularly for HVAC applications. With a production output of 130 kilotons, the company holds a significant market share and emphasizes quality with its JIS H3300-certified tubes. Its expansions in India and Thailand are strategic moves to tap into high-demand regions. KOBE STEEL's focus on technological excellence and energy-efficient solutions ensures it remains a formidable force in the global market.

Table of Contents:

| | |
|---|----|
| 1 INTRODUCTION | 12 |
| 1.1 MARKET DEFINITION | 12 |
| 1.2 INCLUSIONS & EXCLUSIONS | 12 |
| 1.3 STAKEHOLDERS | 13 |
| 2 EXECUTIVE SUMMARY | 14 |
| 3 MARKET OVERVIEW | 19 |
| 3.1 INTRODUCTION | 19 |
| 3.2 MARKET DYNAMICS | 20 |
| 3.2.1 DRIVERS | 20 |
| 3.2.1.1 Increasing construction and infrastructure development globally | 20 |
| 3.2.1.2 Rising demand for HVAC systems | 21 |
| 3.2.1.3 100% recyclability reduces production costs, ensures supply stability, and meets sustainability demands | 22 |
| 3.2.2 RESTRAINTS | 22 |
| 3.2.2.1 Highly energy-intensive production process | 22 |
| 3.2.2.2 Limited raw material availability and mining challenges | 24 |
| 3.2.3 OPPORTUNITIES | 25 |
| 3.2.3.1 High growth in demand for renewable energy and electric vehicles | 25 |
| 3.2.4 CHALLENGES | 26 |
| 3.2.4.1 Increasing competition from aluminum and cross-linked polyethylene | 26 |
| 3.3 IMPACT OF GENERATIVE AI ON COPPER TUBES MARKET | 26 |
| 3.3.1 INTRODUCTION | 26 |

| | |
|--|----|
| 3.3.2 OPTIMIZATION OF MANUFACTURING | 26 |
| 3.3.3 PREDICTIVE MAINTENANCE | 27 |
| 3.3.4 MARKET FORECASTING AND COMPETITIVE INTELLIGENCE | 27 |
| 3.3.5 SUPPLY CHAIN OPTIMIZATION | 27 |
| 3.3.6 CUSTOMER EXPERIENCE AND TECHNICAL SUPPORT | 28 |
| 3.3.7 SUSTAINABILITY AND CARBON FOOTPRINT ANALYSIS | 28 |
| 4 INDUSTRY TRENDS | 30 |
| 4.1 INTRODUCTION | 30 |
| 4.2 TRENDS/DISRUPTIONS IMPACTING CUSTOMER BUSINESS | 30 |
| 4.2.1 REVENUE SHIFT AND NEW REVENUE POCKETS FOR COPPER TUBES MANUFACTURERS | 30 |
| 4.3 SUPPLY CHAIN ANALYSIS | 31 |
| 4.3.1 RAW MATERIAL SOURCING | 32 |
| 4.3.1.1 Copper ore extraction | 32 |
| 4.3.1.2 Processing | 32 |
| 4.3.2 MANUFACTURE OF COPPER TUBES | 32 |
| 4.3.2.1 Casting and smelting | 32 |
| 4.3.2.2 Extrusion and drawing | 33 |
| 4.3.2.3 Annealing | 33 |
| 4.3.2.4 Cutting and shaping | 33 |
| 4.3.2.5 Surface treatment | 33 |
| 4.3.3 DISTRIBUTORS | 33 |
| 4.3.4 END USERS | 33 |
| 4.4 ECOSYSTEM ANALYSIS | 34 |
| 4.5 TECHNOLOGY ANALYSIS | 35 |
| 4.5.1 KEY TECHNOLOGIES | 35 |
| 4.5.2 COMPLEMENTARY TECHNOLOGIES | 36 |
| 4.5.3 ADJACENT TECHNOLOGIES | 37 |
| 4.6 PATENT ANALYSIS | 37 |
| 4.6.1 METHODOLOGY | 37 |
| 4.6.2 GRANTED PATENTS, 2015-2024 | 37 |
| 4.6.2.1 Publication trends for last ten years | 38 |
| 4.6.3 INSIGHTS | 38 |
| 4.6.4 LEGAL STATUS | 39 |
| 4.6.5 JURISDICTION ANALYSIS | 39 |
| 4.6.6 TOP APPLICANTS | 40 |
| 4.6.7 KEY PATENTS FOR COPPER TUBES | 41 |
| 4.7 PORTER'S FIVE FORCES ANALYSIS | 43 |
| 4.7.1 THREAT OF NEW ENTRANTS | 44 |
| 4.7.2 THREAT OF SUBSTITUTES | 45 |
| 4.7.3 BARGAINING POWER OF SUPPLIERS | 45 |
| 4.7.4 BARGAINING POWER OF BUYERS | 46 |
| 4.7.5 INTENSITY OF COMPETITIVE RIVALRY | 46 |
| 5 COMPETITIVE LANDSCAPE | 47 |
| 5.1 INTRODUCTION | 47 |
| 5.2 KEY PLAYER STRATEGIES/RIGHT TO WIN (JANUARY 2020-JUNE 2025) | 47 |
| 5.3 MARKET SHARE ANALYSIS, 2024 | 49 |
| 5.3.1 MARKET SHARE OF KEY PLAYERS, 2024 | 49 |

| | |
|---|----|
| 5.4 REVENUE ANALYSIS, 2020-2024 | 51 |
| 5.5 BRAND/PRODUCT COMPARISON | 52 |
| 5.6 COMPANY EVALUATION MATRIX: KEY PLAYERS, 2024 | 53 |
| 5.6.1 STARS | 53 |
| 5.6.2 EMERGING LEADERS | 53 |
| 5.6.3 PERVERSIVE PLAYERS | 53 |
| 5.6.4 PARTICIPANTS | 53 |
| 5.6.5 COMPANY FOOTPRINT: KEY PLAYERS, 2024 | 55 |
| 5.6.5.1 Company footprint | 55 |
| 5.6.5.2 Region footprint | 56 |
| 5.6.5.3 Type footprint | 56 |
| 5.6.5.4 Application footprint | 57 |
| 5.6.5.5 Form footprint | 57 |
| 5.7 COMPANY EVALUATION MATRIX: STARTUPS/SMES, 2024 | 58 |
| 5.7.1 PROGRESSIVE COMPANIES | 58 |
| 5.7.2 RESPONSIVE COMPANIES | 58 |
| 5.7.3 DYNAMIC COMPANIES | 58 |
| 5.7.4 STARTING BLOCKS | 58 |
| 5.7.5 COMPETITIVE BENCHMARKING: STARTUPS/SMES, 2024 | 60 |
| 5.7.5.1 Detailed list of key startups/SMEs, 2024 | 60 |
| 5.7.5.2 Competitive benchmarking of key startups/SMEs, 2024 | 61 |
| 5.7.6 VALUATION AND FINANCIAL METRICS OF KEY COPPER TUBES VENDORS | 63 |
| 5.8 COMPETITIVE SCENARIO | 64 |
| 5.8.1 PRODUCT LAUNCHES | 64 |
| 5.8.2 DEALS | 64 |
| 5.8.3 EXPANSIONS | 66 |
| 5.8.4 OTHER DEVELOPMENTS | 68 |
| 6 COMPANY PROFILES | 70 |
| 6.1 KEY PLAYERS | 70 |
| 6.1.1 MUELLER INDUSTRIES | 70 |
| 6.1.1.1 Business overview | 70 |
| 6.1.1.2 Products/Solutions/Services offered | 71 |
| 6.1.1.3 Recent developments | 73 |
| 6.1.1.3.1 Deals | 73 |
| 6.1.1.4 MnM view | 74 |
| 6.1.1.4.1 Right to win | 74 |
| 6.1.1.4.2 Strategic choices | 74 |
| 6.1.1.4.3 Weaknesses and competitive threats | 74 |
| 6.1.2 WIELAND GROUP | 75 |
| 6.1.2.1 Business overview | 75 |
| 6.1.2.2 Products/Solutions/Services offered | 75 |
| 6.1.2.3 Recent developments | 77 |
| 6.1.2.3.1 Product launches | 77 |
| 6.1.2.3.2 Deals | 77 |
| 6.1.2.3.3 Expansions | 78 |
| 6.1.2.4 MnM view | 79 |
| 6.1.2.4.1 Right to win | 79 |

| | |
|--|----|
| 6.1.2.4.2 Strategic choices | 79 |
| 6.1.2.4.3 Weaknesses and competitive threats | 79 |
| 6.1.3 HAILIANG GROUP | 80 |
| 6.1.3.1 Business overview | 80 |
| 6.1.3.2 Products/Solutions/Services offered | 80 |
| 6.1.3.3 Recent developments | 81 |
| 6.1.3.3.1 Others | 81 |
| 6.1.3.4 MnM view | 81 |
| 6.1.3.4.1 Right to win | 81 |
| 6.1.3.4.2 Strategic choices | 81 |
| 6.1.3.4.3 Weaknesses and competitive threats | 81 |
| 6.1.4 KME GROUP SPA | 82 |
| 6.1.4.1 Business overview | 82 |
| 6.1.4.2 Products/Solutions/Services offered | 83 |
| 6.1.4.3 MnM view | 84 |
| 6.1.4.3.1 Right to win | 84 |
| 6.1.4.3.2 Strategic choices | 84 |
| 6.1.4.3.3 Weaknesses and competitive threats | 84 |
| 6.1.5 LUVATA | 85 |
| 6.1.5.1 Business overview | 85 |
| 6.1.5.2 Products/Solutions/Services offered | 85 |
| 6.1.5.3 Recent developments | 86 |
| 6.1.5.3.1 Deals | 86 |
| 6.1.5.3.2 Others | 86 |
| 6.1.5.4 MnM view | 87 |
| 6.1.5.4.1 Right to win | 87 |
| 6.1.5.4.2 Strategic choices | 87 |
| 6.1.5.4.3 Weaknesses and competitive threats | 87 |
| 6.1.6 CERRO FLOW PRODUCTS LLC | 88 |
| 6.1.6.1 Business overview | 88 |
| 6.1.6.2 Products/Solutions/Services offered | 88 |
| 6.1.6.3 Recent developments | 89 |
| 6.1.6.3.1 Others | 89 |
| 6.1.6.4 MnM view | 90 |
| 6.1.6.4.1 Right to win | 90 |
| 6.1.6.4.2 Strategic choices | 90 |
| 6.1.6.4.3 Weaknesses and competitive threats | 90 |
| 6.1.7 KOBE STEEL, LTD. | 91 |
| 6.1.7.1 Business overview | 91 |
| 6.1.7.2 Products/Solutions/Services offered | 92 |
| 6.1.7.3 MnM view | 93 |
| 6.1.7.3.1 Right to win | 93 |
| 6.1.7.3.2 Strategic choices | 93 |
| 6.1.7.3.3 Weaknesses and competitive threats | 93 |
| 6.1.8 CAMBRIDGE-LEE INDUSTRIES LLC | 94 |
| 6.1.8.1 Business overview | 94 |
| 6.1.8.2 Products/Solutions/Services offered | 94 |

| | |
|--|-----|
| 6.1.8.3 MnM view | 95 |
| 6.1.8.3.1 Right to win | 95 |
| 6.1.8.3.2 Strategic choices | 95 |
| 6.1.8.3.3 Weaknesses and competitive threats | 96 |
| 6.1.9 SHANGHAI METAL CORPORATION | 97 |
| 6.1.9.1 Business overview | 97 |
| 6.1.9.2 Products/Solutions/Services offered | 97 |
| 6.1.9.3 MnM view | 98 |
| 6.1.9.3.1 Right to win | 98 |
| 6.1.9.3.2 Strategic choices | 98 |
| 6.1.9.3.3 Weaknesses and competitive threats | 99 |
| 6.1.10 QINGDAO HONGTAI COPPER CO., LTD. | 100 |
| 6.1.10.1 Business overview | 100 |
| 6.1.10.2 Products/Solutions/Services offered | 100 |
| 6.1.10.3 Recent developments | 102 |
| 6.1.10.3.1 Deals | 102 |
| 6.1.10.3.2 Expansions | 102 |
| 6.1.10.4 MnM view | 103 |
| 6.1.10.4.1 Right to win | 103 |
| 6.1.10.4.2 Strategic choices | 103 |
| 6.1.10.4.3 Weaknesses and competitive threats | 103 |
| 6.2 OTHER PLAYERS | 104 |
| 6.2.1 MM KEMBLA: COMPANY OVERVIEW | 104 |
| 6.2.2 UNIFLOW COPPER TUBES | 105 |
| 6.2.3 GOLDEN DRAGON PRECISE COPPER TUBE GROUP INC. | 106 |
| 6.2.4 INTERSTATE METAL, INC. | 107 |
| 6.2.5 MEHTA TUBES LIMITED | 108 |
| 6.2.6 BRASSCO TUBE INDUSTRIES | 109 |
| 6.2.7 NIPPONTUBE | 110 |
| 6.2.8 NINGBO JINTIAN COPPER (GROUP) CO., LTD. | 110 |
| 6.2.9 CUPORI | 111 |
| 6.2.10 MAKSAL TUBES (PTY) LTD. | 111 |
| 6.2.11 METTUBE | 112 |
| 6.2.12 LYON COPPER ALLOYS | 112 |
| 6.2.13 CUBEX TUBINGS LIMITED | 113 |
| 6.2.14 SEAH FS CO., LTD. | 113 |
| 6.2.15 TUBE TECH COPPER & ALLOYS PVT. LTD. | 114 |
| 7 APPENDIX | 115 |
| 7.1 RESEARCH METHODOLOGY | 115 |
| 7.1.1 RESEARCH DATA | 115 |
| 7.1.1.1 Secondary data | 116 |
| 7.1.1.2 Primary data | 116 |
| 7.1.2 RESEARCH ASSUMPTIONS | 117 |
| 7.1.3 RISK ASSESSMENT | 118 |
| 7.2 COMPANY EVALUATION MATRIX: METHODOLOGY | 120 |
| 7.3 AUTHOR DETAILS | 123 |

Copper Tubes - Company Evaluation Report, 2025

Market Report | 2025-08-01 | 123 pages | MarketsandMarkets

To place an Order with Scotts International:

- Print this form
- Complete the relevant blank fields and sign
- Send as a scanned email to support@scotts-international.com

ORDER FORM:

| Select license | License | Price |
|----------------|-------------------|-----------|
| | Single User | \$2650.00 |
| | Corporate License | \$4250.00 |
| | | VAT |
| | | Total |

*Please circle the relevant license option. For any questions please contact support@scotts-international.com or 0048 603 394 346.

** VAT will be added at 23% for Polish based companies, individuals and EU based companies who are unable to provide a valid EU Vat Numbers.

| | | | |
|---------------|----------------------|-------------------------------|---|
| Email* | <input type="text"/> | Phone* | <input type="text"/> |
| First Name* | <input type="text"/> | Last Name* | <input type="text"/> |
| Job title* | <input type="text"/> | | |
| Company Name* | <input type="text"/> | EU Vat / Tax ID / NIP number* | <input type="text"/> |
| Address* | <input type="text"/> | City* | <input type="text"/> |
| Zip Code* | <input type="text"/> | Country* | <input type="text"/> |
| | | Date | <input type="text" value="2026-02-06"/> |
| | | Signature | <input type="text"/> |

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com