

Global Superconducting Tape Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

<https://marketpublishers.com/r/SAB63E4AE098EN.html>

Date: July 2025

Pages: 114

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

ID: SAB63E4AE098EN

Abstracts

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

Superconductivity In practical applications, superconductors are made into wires or strips. The second generation (2G HTS) rare earth wire is prepared by epitaxial growth of superconducting thin film, the process is more complicated, but the amount of silver used is low and the cost is low, and it has higher current carrying capacity and good mechanical properties. Its key applications include induction heating, magnetic confinement controllable nuclear fusion, superconducting energy storage, superconducting cables, nuclear magnetic resonance imaging, superconducting magnetic levitation, superconducting motors, particle accelerators, etc. For example, compared with traditional AC induction heating, high-temperature superconducting induction heating has the advantages of high efficiency, high heating quality, heating of various non-ferrous metal materials, and simple and convenient installation and maintenance.

This report is a detailed and comprehensive analysis for global Superconducting Tape 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 Superconducting Tape market size and forecasts, in consumption value (\$ Million), sales quantity (K Meters), and average selling prices (US\$/Meter), 2020-2031

Global Superconducting Tape market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (K Meters), and average selling prices (US\$/Meter), 2020-2031

Global Superconducting Tape market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (K Meters), and average selling prices (US\$/Meter), 2020-2031

Global Superconducting Tape market shares of main players, shipments in revenue (\$ Million), sales quantity (K Meters), and ASP (US\$/Meter), 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 Superconducting Tape

To forecast future growth in each product and end-use market

To forecast future factors affecting the marketplace

This report profiles key players in the global Superconducting Tape 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 American Superconductor, Sumitomo Electric Industries, Shanghai Superconductor Technology Co., Ltd., Beijing Intronic Superconducting Technology Co., Ltd., Bruker, BASF, Fujikura, HTS-110, Jastec, MetOx, etc.

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

Market Segmentation

Superconducting Tape 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

High Temperature Superconducting Tape

Composite Superconducting Tape

Market segment by Application

Electric Energy

Medical

Military Industry

Other

Major players covered

American Superconductor

Sumitomo Electric Industries

Shanghai Superconductor Technology Co., Ltd.

Beijing Intronic Superconducting Technology Co., Ltd.

Bruker

BASF

Fujikura

HTS-110

Jastec

MetOx

STI

Western Superconducting

SuNam

SuperPower

THEVA

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 Superconducting Tape product scope, market overview, market estimation caveats and base year.

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

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

Chapter 4, the Superconducting Tape 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 Superconducting Tape 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 Superconducting Tape.

Chapter 14 and 15, to describe Superconducting Tape sales channel, distributors, customers, research findings and conclusion.

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