

# Global Thermal Spray Market 2022-2028

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## Abstracts

Thermal spraying is a technology which improves or restores the surface of a solid material. The process can be used to apply coatings to a wide range of materials and components, to provide resistance to wear, erosion, cavitation, corrosion, abrasion or heat. Thermal spraying is also used to provide electrical conductivity or insulation, lubricity, high or low friction, sacrificial wear, chemical resistance and many other desirable surface properties. The global thermal spray market is projected to rise by USD 3.7 billion by 2028, according to a new report by Gen Consulting Company. It is anticipated to expand at a CAGR of 4.6 percent during the forecast period.

The report covers market size and growth, segmentation, regional breakdowns, competitive landscape, trends and strategies for global thermal spray market. It traces the market's historic and forecast market growth. The report identifies top segments for opportunities and strategies based on market trends and leading competitors' approaches. This study also provides an analysis of the impact of the COVID-19 crisis on the thermal spray industry.

This industry report offers market estimates and forecasts of the global market, followed by a detailed analysis of the product, process, end user, and region. The global market for thermal spray can be segmented by product: thermal spray coatings, thermal spray equipment, thermal spray materials. The thermal spray coatings segment was the largest contributor to the global thermal spray market in 2021. Thermal spray market is further segmented by process: combustion flame, electric energy. Based on end user, the thermal spray market is segmented into: aerospace, automotive, electrical & electronics, energy & power, healthcare, industrial, oil & gas, others. On the basis of region, the thermal spray market also can be divided into: Asia Pacific, Europe, North America, Rest of the World (RoW).

The thermal spray materials market is further segmented into coating materials,

supplementary materials. The coating materials segment is estimated to account for the largest share of the global thermal spray market. Furthermore, the thermal spray equipment market has been categorized into thermal spray coating systems, dust collection equipment, spray guns and nozzles, feeder equipment, spare parts, noise-reducing enclosures, others. The spray guns and nozzles segment held the largest share of the global thermal spray market in 2021 and is anticipated to hold its share during the forecast period. The thermal spray coatings market is further divided into detonation gun spraying, flame spray, high velocity oxygen fuel (HVOF), plasma spray, plasma transferred arc, spray fusing, wire arc. In 2021, the flame spray segment made up the largest share of revenue generated by the thermal spray market.

### Market Segmentation

By product: thermal spray coatings, thermal spray equipment, thermal spray materials

By process: combustion flame, electric energy

By end user: aerospace, automotive, electrical & electronics, energy & power, healthcare, industrial, oil & gas, others

By region: Asia Pacific, Europe, North America, Rest of the World (RoW)

The report explores the recent developments and profiles of key vendors in the Global Thermal Spray Market, including Aimtek, Inc., Alsher APM LLC, AMETEK, Inc., ASB Industries, Inc., Bodycote plc, BryCoat Inc., C&M Technologies GmbH, Castolin Eutectic GmbH, CenterLine (Windsor) Limited, Compagnie de Saint-Gobain S.A., F.W. Gartner Thermal Spraying, Ltd. (Curtiss-Wright Corporation), Fisher-Barton Inc., Flame Spray Coating Company, Global Tungsten & Powders Corp., H.C. Starck GmbH, HAI Inc., Hoganas AB, Hunter Chemical LLC, Kennametal, Inc., LSN Diffusion Limited, Metallisation Limited, OC Oerlikon Management AG, Polymet Corporation, Powder Alloy Corporation, Praxair Surface Technologies, Inc. (Linde plc), Sandvik AB, The Fisher Barton Group (Thermal Spray Technologies), Thermion Inc., Tocalo Co. Ltd., among others.

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### Historical & Forecast Period

This research report provides analysis for each segment from 2018 to 2028 considering

2021 to be the base year.

### Scope of the Report

To analyze and forecast the market size of the global thermal spray market.

To classify and forecast the global thermal spray market based on product, process, end user, region.

To identify drivers and challenges for the global thermal spray market.

To examine competitive developments such as mergers & acquisitions, agreements, collaborations and partnerships, etc., in the global thermal spray market.

To identify and analyze the profile of leading players operating in the global thermal spray market.

### Why Choose This Report

Gain a reliable outlook of the global thermal spray market forecasts from 2022 to 2028 across scenarios.

Identify growth segments for investment.

Stay ahead of competitors through company profiles and market data.

The market estimate for ease of analysis across scenarios in Excel format.

Strategy consulting and research support for three months.

Print authentication provided for the single-user license.

## Contents

### **PART 1. INTRODUCTION**

Report description  
Objectives of the study  
Market segment  
Years considered for the report  
Currency  
Key target audience

### **PART 2. METHODOLOGY**

### **PART 3. EXECUTIVE SUMMARY**

### **PART 4. MARKET OVERVIEW**

Introduction  
Drivers  
Restraints  
Impact of COVID-19 pandemic

### **PART 5. MARKET BREAKDOWN BY PRODUCT**

Thermal spray coatings  
Thermal spray equipment  
Thermal spray materials

### **PART 6. MARKET BREAKDOWN BY PROCESS**

Combustion flame  
Electric energy

### **PART 7. MARKET BREAKDOWN BY END USER**

Aerospace  
Automotive  
Electrical & electronics  
Energy & power

Healthcare  
Industrial  
Oil & gas  
Others

## **PART 8. MARKET BREAKDOWN BY REGION**

Asia Pacific  
Europe  
North America  
Rest of the World (RoW)

## **PART 9. KEY COMPANIES**

Aimtek, Inc.  
Alsher APM LLC  
AMETEK, Inc.  
ASB Industries, Inc.  
Bodycote plc  
BryCoat Inc.  
C&M Technologies GmbH  
Castolin Eutectic GmbH  
CenterLine (Windsor) Limited  
Compagnie de Saint-Gobain S.A.  
F.W. Gartner Thermal Spraying, Ltd. (Curtiss-Wright Corporation)  
Fisher-Barton Inc.  
Flame Spray Coating Company  
Global Tungsten & Powders Corp.  
H.C. Starck GmbH  
HAI Inc.  
Hoganas AB  
Hunter Chemical LLC  
Kennametal, Inc.  
LSN Diffusion Limited  
Metallisation Limited  
OC Oerlikon Management AG  
Polymet Corporation  
Powder Alloy Corporation  
Praxair Surface Technologies, Inc. (Linde plc)

Sandvik AB

The Fisher Barton Group (Thermal Spray Technologies)

Thermion Inc.

Tocalo Co. Ltd.

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