

# Global Anti Friction Coating Market Growth 2026-2032

<https://marketpublishers.com/r/G9673692DF4BEN.html>

Date: May 2026

Pages: 137

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

ID: G9673692DF4BEN

## Abstracts

The global Anti Friction Coating market size is predicted to grow from US\$ 12307 million in 2025 to US\$ 19188 million in 2032; it is expected to grow at a CAGR of 6.6% from 2026 to 2032.

Anti-friction coatings are specialized surface coatings engineered to reduce friction, wear, and galling between contacting surfaces, thereby improving component efficiency, durability, and service life. These coatings commonly incorporate solid lubricants such as PTFE, graphite, molybdenum disulfide, tungsten disulfide, or advanced DLC and ceramic-based systems, and are applied through spraying, dip coating, PVD/CVD, or thermal processes. From a value chain perspective, upstream activities include resins, binders, solid lubricant additives, and coating precursors, midstream processes focus on formulation, surface preparation, coating application, curing or deposition, and performance testing, while downstream demand is driven by automotive components, industrial machinery, aerospace systems, energy equipment, and precision manufacturing. In 2025, the average selling price of anti-friction coatings is approximately US\$68 per kilogram, with global sales volume reaching around 185,000 tons. The industry maintains a gross margin of 35%–55%, supported by high value-added formulations, application know-how, stringent qualification requirements, and long-term OEM relationships.

Industry analysis indicates that anti-friction coatings are increasingly adopted as alternatives or complements to traditional liquid lubrication, particularly in environments where maintenance access is limited or lubrication is undesirable. Growth is driven by electrification, higher operating temperatures, and demand for cleaner, longer-lasting surface solutions.

LP Information, Inc. (LPI) ' newest research report, the “Anti Friction Coating Industry Forecast” looks at past sales and reviews total world Anti Friction Coating sales in

2025, providing a comprehensive analysis by region and market sector of projected Anti Friction Coating sales for 2026 through 2032. With Anti Friction Coating sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Anti Friction Coating industry.

This Insight Report provides a comprehensive analysis of the global Anti Friction Coating 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 Friction Coating portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Anti Friction Coating market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Anti Friction Coating 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 Friction Coating.

This report presents a comprehensive overview, market shares, and growth opportunities of Anti Friction Coating market by product type, application, key manufacturers and key regions and countries.

#### Segmentation by Type:

Water-Based

Non-Aqueous

#### Segmentation by Coating Type:

Dry Film Lubricant Coatings

Solid Lubricant Coatings

DLC & Ceramic Coatings

Segmentation by Friction Coefficient Range:

Ultra-Low Friction (

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