

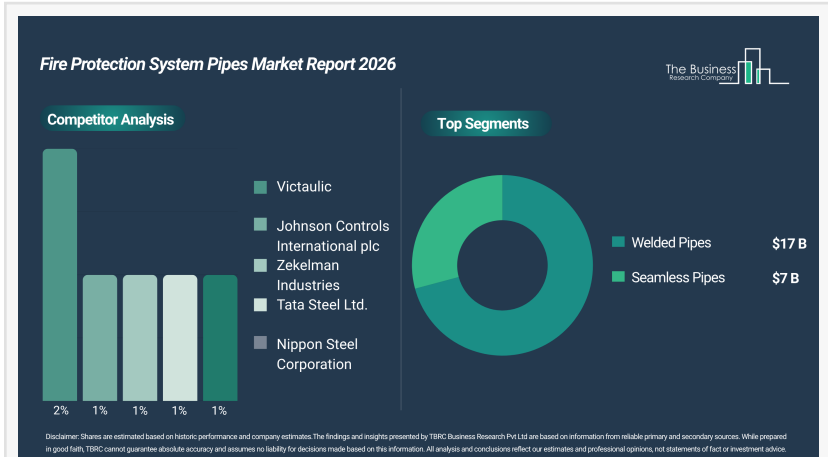
The Global Fire Protection System Pipes Market Is Projected to Grow at an 8% CAGR Throughout the Forecast Period

The Business Research Company's The Global Fire Protection System Pipes Global Market Report 2026 – Market Size, Trends, And Forecast 2026-2035

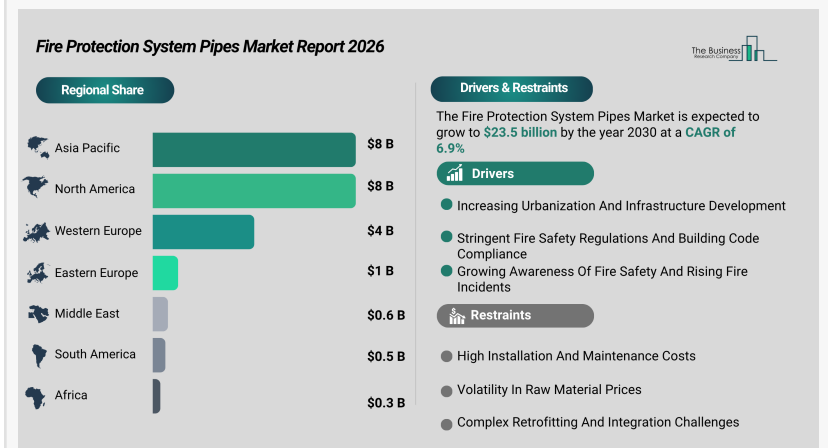
LONDON, GREATER LONDON, UNITED KINGDOM, October 12, 2026 /EINPresswire.com/ -- The [fire protection system pipes market](#) plays a crucial role in ensuring safety across residential, commercial, and industrial infrastructures worldwide. Driven by technological advancements and stringent fire safety regulations, this sector has seen continuous innovation in materials and installation methods. Understanding the landscape of key players, market size, and growth drivers provides valuable insight into future opportunities within this vital industry.

Market Size and Growth Outlook for the Fire Protection System Pipes Market

By 2030, the fire protection system pipes market is anticipated to surpass \$23 billion in value. It forms a significant portion of the broader Iron And Steel Pipe And Tube market, which is expected to reach roughly \$218 billion by the same year. Fire protection pipes will make up around 11% of this sector. Within the larger Metal And Mineral industry, forecasted to hit \$9,886 billion by 2030, these pipes represent nearly 0.2% of total worth. The market is projected to grow steadily with a compound annual growth rate (CAGR) of 7% leading up to 2030.

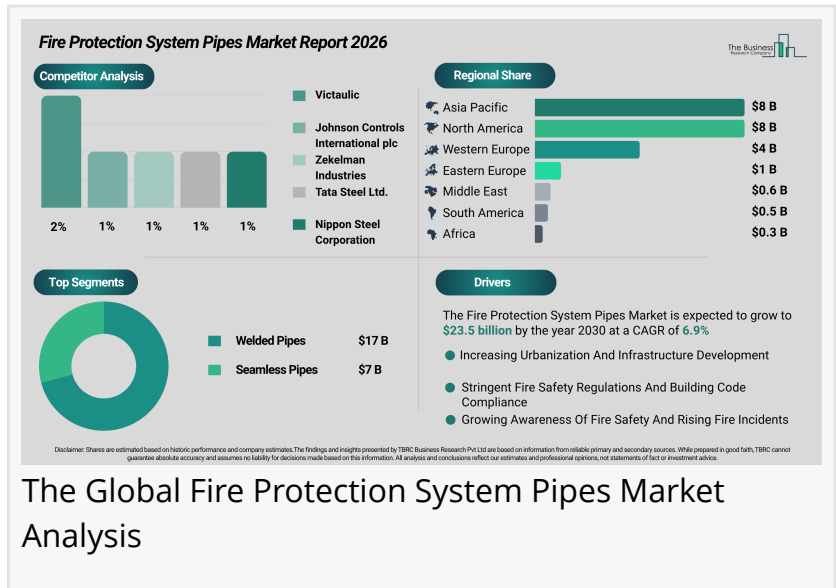


The Global Fire Protection System Pipes Market



The Global Fire Protection System Pipes Market Report

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Regional Market Outlook Highlights for Fire Protection System Pipes

Asia-Pacific is set to be the dominant region in this market by 2030, valued at \$8.3 billion, rising from \$5.7 billion in 2025. This reflects an 8% CAGR and is attributed to rapid construction of commercial and high-rise residential buildings, stricter fire safety enforcement in emerging economies, investments in industrial infrastructure, and new fire suppression installations in public and private sectors. Meanwhile, the USA is forecasted to be the largest single country market, reaching \$6.0 billion by 2030 from \$4.4 billion in 2025, growing at a 7% CAGR. This growth is driven by modernization of aging fire safety systems, enhanced protection technologies in commercial spaces, and rigorous adherence to updated fire codes.

Breakdown of Fire Protection System Pipes Market Segments

The market divides into two main pipe types: seamless and welded. Welded pipes are expected to hold the largest share in 2030, accounting for 71% or \$17 billion of the total market. This preference is due to their cost-effectiveness in large-scale projects, ease of fabrication and installation, widespread use in commercial and industrial sprinkler systems, and advances in welding techniques that enhance strength and durability. Additionally, the market segments by materials, including steel, CPVC, copper, and others. Applications are mainly split between fire suppression systems and fire sprinkler systems, while end-users span residential, industrial, and commercial sectors.

Access The Detailed Fire Protection System Pipes Market Report Here

https://thebusinessresearchcompany.com/report/fire-protection-system-pipes-global-market-report?utm_source=EINPresswire&utm_medium=Paid&utm_campaign=Oct PR

Key Growth Drivers Propelling the Fire Protection System Pipes Market

Urbanization and infrastructure expansion continue to fuel steady demand for fire protection piping. Rapid development of residential complexes, commercial buildings, factories, hospitals, airports, and warehouses requires comprehensive fire suppression networks. Additionally, smart city projects and modernization of older buildings contribute to both new installations and replacements. This factor alone is expected to add roughly 2.8% annual growth to the market.

Stricter regulations and building safety codes are another major growth catalyst. Authorities are enforcing tougher standards that mandate certified, high-performance piping systems in commercial, industrial, healthcare, and residential structures. As a result, many facility owners are upgrading their fire suppression infrastructure to comply with these regulations, enhance occupant safety, and reduce insurance risks. This driver is forecasted to contribute around 2.6% annual growth.

Increased awareness about fire safety, along with a rise in fire incidents across various sectors, pushes organizations and property owners to invest in reliable suppression systems. Workplace safety programs and proactive risk management encourage the replacement of outdated piping with advanced, more durable alternatives. This growing consciousness is estimated to account for about 2.4% annual growth in the market.

Leading Company Spotlight in the Fire Protection System Pipes Market

Victaulic emerged as the top global player in 2025, holding a 2% share of the market. Their comprehensive portfolio includes grooved piping systems, couplings, fittings, valves, and fire protection accessories that simplify installation, ensure efficient fluid flow, and meet stringent safety standards. Their solutions cater largely to commercial, industrial, and institutional customers.

Market Concentration and Competitive Landscape Overview

The fire protection system pipes market remains moderately fragmented, with the top 10 companies collectively capturing 10% of total revenues in 2025. This distribution reflects moderate barriers to entry, shaped by strict fire safety codes, industry certifications, and the need for dependable manufacturing and supply chains. Market leaders retain strong positions through broad product offerings, established distribution networks, extensive project experience, and continuous innovation in materials and connection technologies. As demand grows for compliant infrastructure and upgraded fire suppression, product development and strategic partnerships will be critical to maintaining market shares.

Key players and their 2025 market shares include Victaulic (2%), Johnson Controls International plc (1%), Zekelman Industries (1%), Tata Steel Ltd. (1%), Nippon Steel Corporation (1%), Mueller Industries Inc. (1%), Georg Fischer AG (Uponor Corporation) (1%), Ferguson Fire & Fabrication Inc. (1%), Wavin BV (1%), and Tenaris S.A. (0.5%).

Emerging Competitive Trends in the Fire Protection System Pipes Industry

There is a growing emphasis on corrosion-resistant piping technologies that enhance long-term durability, ease installation, and improve fire suppression effectiveness in commercial and industrial applications. For example, in September 2024, PPG Industries introduced the PPG STEELGUARD 951 epoxy intumescent fire protection coating in the Americas. This advanced epoxy formula offers superior fire resistance, thermal insulation, and durability, ultimately extending the lifespan of structural steel and helping buildings meet rigorous fire safety codes.

Strategic Approaches Shaping the Fire Protection System Pipes Market

Companies are focusing on several strategies to strengthen their market presence, including the use of corrosion-resistant materials to improve pipe longevity, adopting smart grooved joining technologies to speed up installation, and developing high-performance composite pipes tailored for fire safety applications. Additionally, expanding manufacturing capacities and global supply chains, along with applying cutting-edge coating technologies, remain key priorities for maintaining competitiveness.

Promising Growth Areas Within the Fire Protection System Pipes Sector

The welded and seamless pipe segments represent the largest growth opportunities and are expected to add over \$7 billion to market value by 2030—welded pipes contributing approximately \$5 billion and seamless pipes around \$2 billion between 2025 and 2030. Innovations in corrosion-resistant materials, high-pressure suppression systems, smart fire safety infrastructure, and enhanced pipe coatings that boost durability and performance will drive these gains.

Notable Companies Active in the Fire Protection System Pipes Industry

Major players competing in this market include Victaulic, Johnson Controls International plc, Zekelman Industries, Tata Steel Ltd., Nippon Steel Corporation, Mueller Industries Inc., Georg Fischer AG (Uponor Corporation), Ferguson Fire & Fabrication Inc., Wavin BV, Tenaris S.A., Simona AG, China Lesso Group Holdings Ltd., Wheatland Tube, Aquatherm LLC, Jindal Industries Pvt. Ltd., Astral Limited, Bull Moose Tube Company, Finolex Industries Ltd., Kan-Therm GmbH, Octal Steel, Engineered Fire Piping S.L., and Tpmcsteel.

Key Raw Material Suppliers Supporting the Fire Protection System Pipes Market

Raw materials for this sector are supplied by major producers including ArcelorMittal, POSCO Holdings, JFE Steel Corporation, Baowu Steel Group, Nucor Corporation, SSAB AB, Outokumpu Oyj, Acerinox S.A., Thyssenkrupp AG, EVRAZ plc, JSW Steel Ltd., United States Steel Corporation, Vallourec S.A., Sandvik AB, Reliance Industries Limited, LyondellBasell Industries, SABIC, Borealis AG, Covestro AG, and Dow Inc.

Wholesalers and Distributors Serving the Fire Protection System Pipes Market

Key distribution partners in the fire protection system pipes market include Core & Main, Winsupply Inc., HD Supply, MRC Global Inc., Hajoca Corporation, Reece Group, Wolseley Group, Ferguson plc, Fastenal Company, BDI Express, Grainger, City Plumbing Supplies, Keller Supply Company, Dakota Supply Group, Edges Electrical Group, Border States, BIMobject Distribution, Coburn Supply Company, Iberville Materials Group, and BSS Industrial.

Primary Customers and End Users of Fire Protection System Pipes

Major purchasers of fire protection system pipes include leading construction and infrastructure firms such as Turner Construction Company, Bechtel Corporation, Fluor Corporation, Jacobs Solutions Inc., Kiewit Corporation, Skanska AB, Vinci S.A., Bouygues Construction, Larsen &

Toubro Limited, China State Construction Engineering Corporation, Shimizu Corporation, Taisei Corporation, Samsung C&T Corporation, DPR Construction, AECOM, CBRE Group, Prologis, Equinix, Digital Realty, and Amazon Web Services.

New strategic additions in our 2026 market reports include market attractiveness scoring and analysis, total addressable market (TAM) analysis, company scoring matrix graphics and tables, Excel-based forecasting dashboards, market hotspots infographics, key technologies and future trend analysis, along with updated graphics and tables.

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