

# **US Flexible Electrical Conduit Market Size study, by Material Type (Metallic, Non-Metallic) by Type (Flexible Metallic Tubing (FMT), Liquid Tight Flexible Non-Metallic Conduit (LFNC), Flexible Metallic Conduit (FMC), Liquid Tight Flexible Metal Conduit (LFMC)), by Application (Rail Infrastructure, Manufacturing Facilities, Shipbuilding and Offshore Facilities, Process Plants, Energy, Others) Forecasts 2022-2032**

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## **Abstracts**

US Flexible Electrical Conduit Market is valued approximately at USD 216.04 million in 2023 and is anticipated to grow with a healthy growth rate of more than 8.40% over the forecast period 2024-2032. Flexible electrical conduits are adaptable tubes engineered to offer a flexible and protective route for electrical wires and cables. They are utilized in situations where traditional rigid conduits are impractical or cumbersome. Crafted from materials such as PVC (Polyvinyl Chloride), polyethylene, or metal, they come in a wide range of sizes and configurations to cater to varied needs. Innovations in materials and manufacturing processes are leading to the development of more durable, flexible, and lightweight electrical conduits. These advancements improve the performance and longevity of flexible conduit solutions, driving their adoption in a wide range of applications.

The growing adoption of smart home and building automation systems in the US is fueling demand for flexible electrical conduits. These conduits are necessary to accommodate the wiring required for smart devices, sensors, and automation systems, contributing to market growth. As Smart home and building automation systems require additional wiring to support various devices, sensors, and control systems, resulting in

adoption of Flexible Electrical Conduit. This increased demand for wiring infrastructure creates opportunities for flexible electrical conduits, which provide a versatile and adaptable solution for routing and protecting electrical wires in both residential and commercial settings. Furthermore, US Flexible Electrical Conduit Market is driven by expansion of renewable energy projects and rising retrofit and renovation projects. However, complex installation requirement and availability of alternative solutions, on the other hand, will stifle market growth between 2022 and 2032.

Major market player included in this report are:

- AFC Cable Systems
- Southwire Company
- Flexicon Corporation
- Electri-Flex Company
- Company 5
- Company 6
- Company 7
- Company 8
- Company 9
- Company 10

The detailed segments and sub-segment of the market are explained below:

By Material Type

- Metallic
- Non-Metallic

By Type

- Flexible Metallic Tubing (FMT)
- Liquid Tight Flexible Non-Metallic Conduit (LFNC)
- Flexible Metallic Conduit (FMC)
- Liquid Tight Flexible Metal Conduit (LFMC)

By Application

- Rail Infrastructure
- Manufacturing Facilities
- Shipbuilding and Offshore Facilities
- Process Plants
- Energy
- Others

Years considered for the study are as follows:

Historical year – 2022

Base year – 2023

Forecast period – 2024 to 2032

Key Takeaways:

Market Estimates & Forecast for 10 years from 2022 to 2032.

Annualized revenues and Country level analysis for each market segment.

Detailed analysis of geographical landscape with Country level analysis of major regions.

Competitive landscape with information on major players in the market.

Analysis of key business strategies and recommendations on future market approach.

Analysis of competitive structure of the market.

Demand side and supply side analysis of the market.

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