

# **Asia Pacific 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) and Country Forecasts 2022-2032**

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## **Abstracts**

Asia Pacific Flexible Electrical Conduit Market is valued approximately at USD 969.88 million in 2023 and is anticipated to grow with a healthy growth rate of more than 9.11% over the forecast period 2024-2032. Flexible electrical conduits serve as versatile tubing designed to provide a flexible and protective pathway for electrical wires and cables. These conduits find application in scenarios where traditional rigid conduits prove unsuitable or inconvenient. Typically crafted from materials such as PVC (Polyvinyl Chloride), polyethylene, or metal, they are available in diverse sizes and configurations. The market for flexible electrical conduits has witnessed significant growth owing to their myriad benefits and wide-ranging applications. The adoption of digitalization and smart technology solutions is increasing in the Asia Pacific region, driven by factors such as urbanization, technological advancements, and the Internet of Things (IoT). Flexible electrical conduits play a crucial role in wiring installations for smart buildings, intelligent infrastructure, and IoT devices.

As countries in the region experience unprecedented urban growth and expand their infrastructure to accommodate rising population, there's a surge in construction

activities encompassing residential complexes, commercial buildings, industrial facilities, and urban infrastructure projects. In these endeavors, flexible electrical conduits play a pivotal role by providing a versatile and adaptable solution for routing and protecting electrical wiring systems. The flexibility of these conduits allows for easy installation in various settings, including tight spaces, complex layouts, and environments with structural constraints. Moreover, as urbanization intensifies, the demand for modern amenities, advanced technologies, and smart infrastructure increases. Flexible electrical conduits facilitate the wiring installations needed for smart buildings, intelligent transportation systems, and digital infrastructure, supporting the region's transformation towards sustainable, connected urban environments. Furthermore, the market is driven by expansion of manufacturing Sector and rising construction industry. However, availability of alternatives , on the other hand, will stifle market growth between 2022 and 2032.

The key countries considered for the Asia Pacific Flexible Electrical Conduit market study includes China, India, Japan, South Korea, Australia and Rest of Asia Pacific. In 2023, China was the largest regional market in terms of revenue. In its long-term strategy, China boasts a massive manufacturing industry and is a major producer of electrical products, including flexible electrical conduits. The country's robust manufacturing capabilities enable it to produce a wide range of conduit solutions to meet domestic and international demand. Moreover, China's rapid urbanization and infrastructure development drive significant demand for flexible electrical conduits in various construction projects across the country. As China continues to invest in new buildings, transportation networks, and energy infrastructure, the need for flexible conduit solutions to support electrical wiring installations remains high. The market in India, on the other hand, is expected to grow at the fastest rate over the forecast period.

Major market player included in this report are:

FlexGlory Machinery Accessories Ltd. (Asia Pacific Division)

Shenzhen FlexGlory Cable Accessories Co., Ltd.

Pacific Electrical Co.

Shanghai Qinkai Electrical Co., Ltd.

Pacific Pipe Public Co., Ltd.

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

?

By Region:

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

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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