

Enameled Aluminum Electrical Wire

Enameled aluminum wire is designed for various electrical applications. It features a durable enamel coating that provides insulation and protection against environmental factors.



ADDITIONAL IMAGES



Product Overview

High-Performance Enameled Aluminum Wire

This high-quality enameled aluminum wire is engineered for demanding electrical applications, providing excellent insulation and environmental protection. Featuring a durable enamel coating, it ensures reliable performance in transformers, inductors, motors, and other electromagnetic devices. The aluminum conductor offers an optimal balance of electrical conductivity and lightweight design, making it a versatile choice for various industrial requirements.

Technical Specifications

Insulation Types

- Polyurethane with self-bonding overcoat
- Polyester Enamelled
- Polyesterimide Enamelled
- Fiber glass-covered

Wire Specifications Matrix

Type	Thermal Class	Size Range (mm)
Polyurethane (self-bonding)	130/150/180	0.025 - 1.0
Polyester Enamelled Aluminum	155	0.15 - 3.0
Polyesterimide Enamelled Aluminum	180	0.15 - 3.0
Fiber glass-covered	155/180	0.8 - 1.8
Available Thermal Classes	130, 150, 155, 180	
Aluminum Wire Size Range	0.15mm - 3.0mm	

Product Compatibility

Typical Applications

Transformers • Inductors • Motors • Electromagnetic Devices