

Enameled Copper Winding Wire

Enameled copper wire is designed with insulation for electrical applications. The enamel coating provides protection against shorts and electrical leakage.



ADDITIONAL IMAGES



Product Overview

High-Performance Winding Solutions

This enameled copper winding wire is engineered for critical electrical applications, offering excellent insulation and reliable performance. Designed for use in transformers, inductors, and motors, the high-conductivity copper core is protected by a durable enamel coating that prevents electrical leakage and shorts. Available in a wide range of thermal classes and gauges, this wire provides the versatility needed for various industrial winding requirements.

Technical Specifications

Insulation Materials

- Polyurethane with self-bonding overcoat
- Polyester enameled copper
- Polyester enameled aluminum
- Polyesterimide enameled aluminum
- Fiber glass-covered

Available Size Range

Material Type	Size Range (mm)
Polyurethane (Self-bonding)	0.025 - 1.0
Polyester Enameled Copper	0.05 - 6.0
Polyester Enameled Aluminum	0.15 - 3.0
Polyesterimide Enameled Aluminum	0.15 - 3.0
Fiber glass-covered	0.8 - 1.8
Polyurethane/Polyester	0.05 - 0.14

Thermal Classes

130, 150, 155, 180

Applications

Primary Applications

Transformers • Inductors • Motors • General Winding