

Self-Bonding Polyurethane Enameled Copper Wire

This enameled copper wire features a polyurethane insulation layer with a self-bonding overcoat. It is suitable for use in motors, transformers, inductors, and other electromagnetic devices.



Product Overview

High-Performance Self-Bonding Wire

This enameled copper wire features a high-quality polyurethane insulation layer combined with a specialized self-bonding overcoat. It is engineered for electrical applications that demand both high conductivity and reliable insulation, offering the unique advantage of self-bonding properties for secure coil winding. The wire provides excellent thermal stability and chemical resistance, making it an ideal choice for compact and robust electromagnetic devices.

Technical Specifications

Insulation Material	Polyurethane with self-bonding overcoat
Bonding Mechanism	Heat activation, Solvent activation

Applications

Primary Applications

- Electric Motors
- Transformers
- Inductors
- Electromagnetic Devices

Key Features

Performance Highlights

1 Excellent
Electrical Insulation

1 Excellent
Chemical Resistance

1 High
Thermal Stability