

Non-Sparking Copper Alloy Hand Tool Set

This set of hand tools is crafted from a copper alloy to prevent sparks in potentially dangerous atmospheres. They are widely used in industries such as petrochemical, mining, and gas.



Product Overview

Safety-First Engineering

These non-sparking copper alloy hand tools are engineered for critical safety in hazardous, explosive, and flammable atmospheres. Widely utilized in the petrochemical, mining, and gas industries, these tools provide essential anti-corrosion properties and high-quality performance. Their specialized alloy composition ensures reliability and safety in environments where traditional steel tools pose ignition risks.

Quality Certifications

ISO9001 • UKAS

Primary Applications

Petrochemical Industry, Mining, Gas Stations, Railway

Technical Specifications

Available Materials

- Aluminum-Bronze
- Beryllium-Bronze

Hardness Metrics

25 HRC

Aluminum-Bronze

35 HRC

Beryllium-Bronze

Tensile Strength Comparison

Material	Tensile Strength
Aluminum-Bronze	75-85 kgf/mm
Beryllium-Bronze	105-120 kgf/mm

Manufacturing Technique

Casting or Forging

Finish Options

Mirror Polished, Electrostatic Spraying

Logistics & Supply

Packaging

Box or carton or according to customer's special request

Delivery Lead Time

25-30 days

Supply Capacity

1500 pieces