

Non-Sparking Combination Pliers

These combination pliers are designed for use in potentially flammable and explosive environments. They are widely used in industries such as petrochemical, mining, gas stations and railways.



Product Overview

Safety-First Design

These non-sparking combination pliers are engineered for high-risk environments where flammable or explosive atmospheres are present. Crafted from a specialized copper-beryllium alloy, they provide essential protection against ignition risks in industries like petrochemicals, mining, and gas handling. Beyond their spark-proof capabilities, these tools are inherently non-magnetic and rust-resistant, ensuring durability and reliability in demanding industrial applications.

Material Composition

Composition Breakdown

Element	Percentage
Beryllium (Be)	1.8% - 2%
Nickel (Ni)	0.1% - 0.6%
Other Elements	< 0.6%
Copper (Cu)	Rest

Material	Copper-Beryllium Alloy (Be-Cu)
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Technical Specifications

Hardness	HB283-365
Breaking Strength	112.5 kgf/mm2

Key Features

Safety Characteristics

Spark Proof • Non-magnetic • Rust Resistant

Applications

Recommended Industries

- Petrochemical Industry
- Mining
- Gas Stations
- Railway
- Aerospace
- Pharmaceutical
- Shipyards
- Laboratories
- Desalination Plants