

Non-Sparking Copper Beryllium Wire Cutter with Long Handle

This non-sparking wire cutter is constructed from copper beryllium alloy for safe operation in potentially explosive environments. Its long 600mm handle provides increased leverage and cutting power.



Product Overview

Professional Safety Wire Cutter

This non-sparking wire cutter is engineered for high-risk environments where flammable or explosive atmospheres are present. Constructed from a durable copper-beryllium alloy, it provides essential safety features including spark resistance, non-magnetic properties, and rust resistance. With a substantial 600mm handle, this tool offers the necessary leverage for demanding industrial cutting tasks in sectors like petrochemicals, mining, and aerospace.

Technical Specifications

Material Composition

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

Hardness HB283-365

Breaking Strength 112.5 kgf/mm²

Physical Dimensions

Total Length 600 mm

Key Features

Key Characteristics Spark Proof, Non-magnetic, Rust resistant

Application

Recommended Industries

- Petrochemical industry
- Mining
- Gas stations
- Railway
- Aerospace
- Pharmaceutical
- Shipyards
- Laboratories
- Desalination plants