

Non-rigid composite material with fine drawing techniques

# Zinc Wire

Drawing Zinc material with dies is not an easy task, Zinc is a non-rigid composite material so that it could easily cause wire break, Technological development has managed the fine drawing techniques.

## ● Metal Material 「Zinc」

Zinc material has a very low melting point, impact resistance and vibration-damping properties. Also has excellent chemical properties.

## ● Characteristics

- Impact resistant
- High damping
- Small elastic region
- Wide plastically deformed region and high elongation.
- Good electrochemical property
- Biocompatibility
- Low melting point (419°C)

## ● Expected field

- Battery
- Chemical
- Medical equipment
- Steel nonferrous metals
- Sealing
- Acoustic equipment

## ● General purpose item

Car parts, Music Box  
CD Player, Electric Tool  
Golf Club, Battery,  
Protective corrosion prevention material

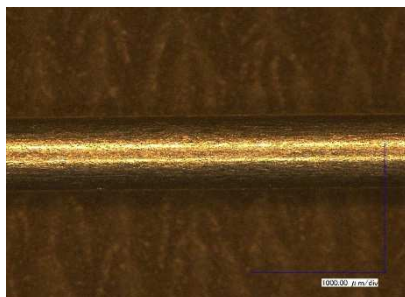
## ● Wire specification

Material: Pure Zn

Wire Diameter: 0.2~1.0mmφ

Length: Up to 2,000m

( Longer length is available )



## ● Expected use

- Battery electrode
- Plated electrode
- Protective corrosion prevention material
- Fuse wire
- Brazing filler metal
- Sound-absorbing material
- Cushioning material
- Alloying-element additive
- Chemistry experiment reagent



**JAPAN FINE STEEL CO.,LTD.**

1-19 Ishiide, 1-chome, SanyoOnoda-shi, Yamaguchi, 756-0063,  
JAPAN

URL: <http://jpfs.co.jp/> Mail: [jfs-info@jpfs.co.jp](mailto:jfs-info@jpfs.co.jp)

TEL : +81-(0)836-83-4990 FAX: +81(0)836-83-0186