

# Zinc Wire

## PRIMARY USE

- Thermal spraying anti-corrosion material on large steel structures (bridges, steel towers, storage tanks)
- Thermal spraying anti-corrosion material on welded parts of zinc-plated electric seam pipes (scaffolding pipes for buildings, pipes for vinyl houses)
- Thermal spraying anti-corrosion material onto the collection electrodes of film capacitors
- Thermal spraying anti-corrosion material for extruded aluminum products
- Thermal spraying for electromagnetic wave shielding (inner and outer surfaces of electronic devices)
- Cut wire for blasting
- Anti-corrosion material

## WIRE DIAMETER/COMPOSITION

Products name		Normal wire	Middle Hard wire	Hard wire
Chemical composition (%)	Zn	≧99.995	≧99.99	≧99.97
	Al	≦0.001	≦0.001	≦0.001
	Fe	≦0.002	0.0030-0.0049	0.008-0.014
	Pb	≦0.003	≦0.003	≦0.003
	Sn	≦0.001	≦0.001	≦0.001
	Cu	≦0.001	≦0.001	≦0.001
	Cd	≦0.002	≦0.002	≦0.002
Wire Diameter		φ 0.8-1.6mm		
Packaging		◎Fiber drum (50kg, 80kg)		

## MECHANICAL AND PHYSICAL PROPERTIES

Products name		Normal wire	Middle Hard wire	Hard wire
Properties	Melting point (°C)	420	420	420
	Density (g/cm <sup>3</sup> )	7.13	7.13	7.13
	Tensile strength (N/mm <sup>2</sup> )	≧98	≧100	100-150
	Elongation (%)	≧30	≧25	≧20
	Electrical conductivity (%IACS)	28.5	28.5	28.5

## PACKING STYLE



## ABOUT OTHER ZINC WIRE

We import and sell zinc wire manufactured by other company of DOWA Group in Japan. If you are looking for zinc wire other than those mentioned above, please contact us via the below contact detail or our website.

## SALES & MANUFACTURING

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