

ZINC

wires



Zinc Wires for Thermal Spraying Industry



Garg Inox Ltd.

we make the wire you desire



Backed by Experience

Garg Inox has grown phenomenally with a vast experience of more than a decade and half in this sector, committed to excellence we are an eminent manufacturer of ZINC wires. A state of the Art, totally integrated documentation system along with dedicated personnel allows us to provide short run times and fast response to customer orders, including requests for special handling.

The Company is a Government Certified Export House, having Sales Offices in USA, U.K. and Turkey.

Garg Inox manufactures ZINC wires for metalized thermal spray coatings. Zinc Wire metalized thermal spray coatings using zinc based alloy wires are crucial in the manufacture of various electronic capacitor, automotive, heat exchanger, tube & pipe products. Corrosion protection of bridges, locks & dams, above ground storage tanks, light poles and other critical infrastructure is another important application for metalized thermal sprayed coatings of zinc wires.



ISO 9001 : 2000 Certified



Government Approved
Export House



All Products are tested against lowest possible level of Radioactive Contamination (RaC).



Production Capacity of
ZINC WIRE - 4000 MT Per Annum.



ZINC wires

DIN 8566. ENII 79Zi 99.995% Pure Zinc

NOW A DAYS ZINC WIRES ARE WIDELY USED IN

- Ductile Iron Pipes
- Gas Bottles And Gas Tanks
- Capacitors
- LPG Cylinders
- Bridges
- Zinc Shot
- Shielding (Screening) Against Electro Magnetic Waves



SPECIFICATION

- Diameter : 0.40 mm to 10 mm / 0.015" to 0.40"
- Surface : Bright & lubricated finish depending upon the requirement.

Chemical Composition of Zinc Wire	
Zinc	99.997
Lead	00.0018
Cadmium	00.005
Iron	00.0003
Tin	00.0004
Copper	00.0001
Aluminium	00.0002

Mechanical Characteristics	
Density	7,14 g/cm ³
Melting point	420 °C (788 °F)
Boiling point	907 °C
Electrical conductivity	0.166x10 ⁶ /cm
Thermal conductivity	1.16 W/cmK
Shrink Rate	0.01 (0.01 in/in)

Packing

Zinc wire can be supplied in:

- Coils
- Drums
- Plastic Spools



ZINC

wires



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