

Introduction

Zinc is 99.99% pure and will not be contaminated in the arc spray process. Zinc alloy wire sprayed coatings are integral steps in the manufacture of various electronic, capacitor, automotive, heat exchange and tube & pipe products. Thermal spray Zinc based alloy wire coatings are also used in the Corrosion protection of bridges, locks & dams, above ground storage tanks, light poles, and other critical infrastructure.

Equivalent: TAFA02Z, Sulzer Metco Zinc

Chemical & Physical Properties

Zn	Other	Density
Bal.	0.1	7.14 g/cm ³

Applications

- Atmospheric corrosion protection
- Electrical conductance on components
- Atmospheric and immersion corrosion protection
- Barriers, posts and poles, offshore structures and marine structures
- EMI and RF shielding on plastic components (electric arc spray only)

Deposit Characteristics

Typical Hardness	HRB 20 – 30
Bond Strength	6.9 – 15.0 Mpa
Deposit Rate	24 lbs /hr/100A
Deposit Efficiency	0.7
Machine ability	Good

Standard Dimensions

Wire	Diameter (mm)	Tolerance (mm)
	1.6	+ 0 / - 0.05

Other sizes (diameter and wire weight) can be manufactured accordingly to the requirements of customers.

Packaging

Spool	15kgs / spool (D300 spool)
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