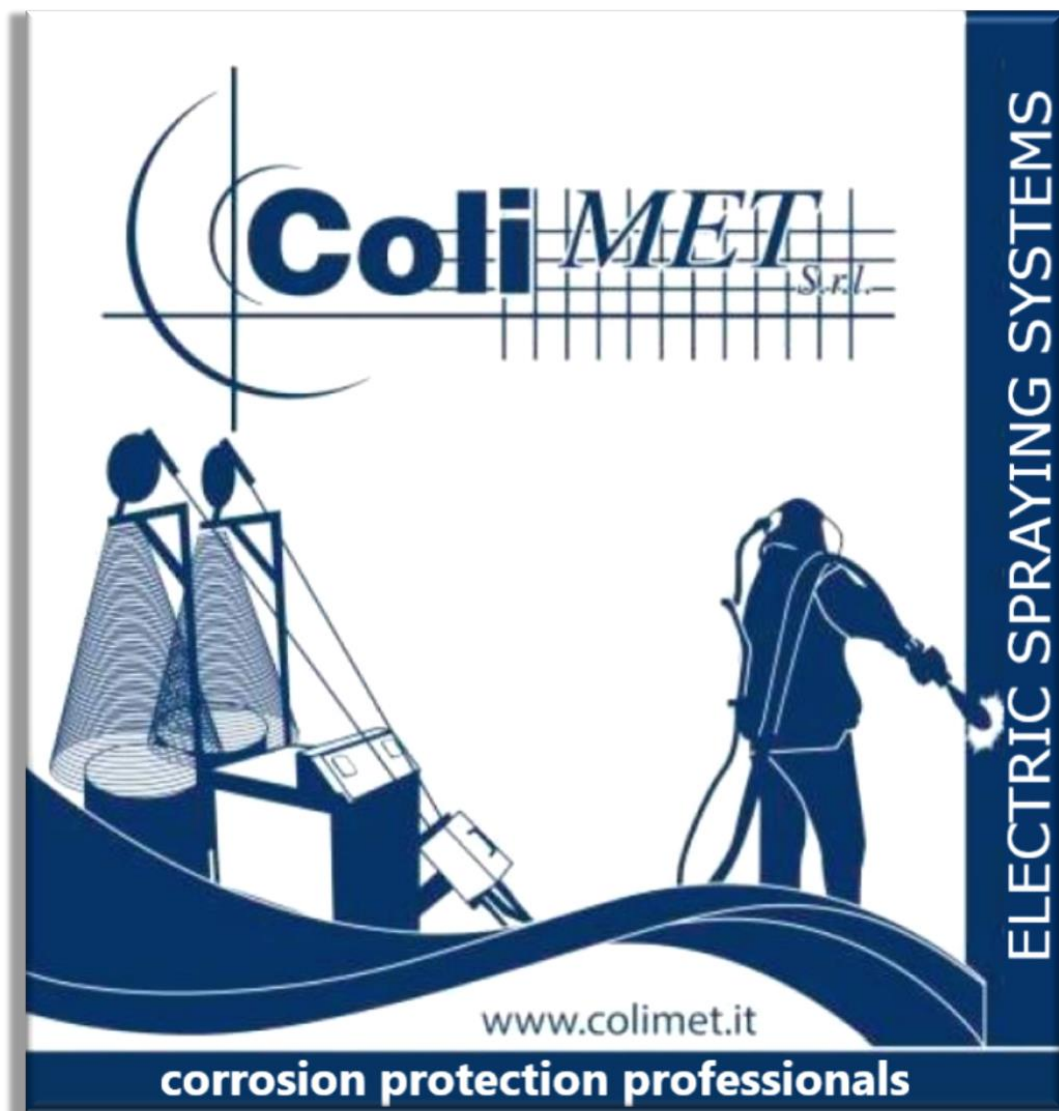




CATALOGUE

Zinc and Zn/Al wires



- 2024 -

In manufacturing Zinc wire only Special high grade Zinc $\geq 99,995\%$ ingots are accepted to guarantee the high purity, trouble free operation and high conductivity surface (ISO 1179- Z1)

Zinc Wire standard: ISO 14919:2023 - ISO 1179:2005 (grade Z1)

Chemical analysis	Cd+Pb %	Cu %	Sn %	Pb %	Fe %	Cd %	Zn > 99,995 %
Nominal	< 0,0040	< 0,0010	< 0,0010	< 0,0030	< 0,0020	< 0,0030	
Typical	0,0016	0,0003	0,0002	0,0014	0,0002	0,0002	
Physical Features	<ul style="list-style-type: none"> • Density: 7,14 g/cm³ • Melting point: 419,58 °C • Boiling point: 907 °C • Electrical conductivity: 0,166 106 /cm Ω • Thermal conductivity: 1,16 W/cm K 						
Mechanical Properties	<ul style="list-style-type: none"> • Tensile strength (N/mm²) < 100 ± 5 • Elongation at rupture 60- 100% <p style="text-align: right;">Soft</p>						

NOTE

Remove corroded or worn material.
Round off and level the edges.
Clean the surface.

The technical contents listed above, however accurate, must be understood to be closest to the known equivalent level.

No liability is accepted for loss or damage resulting from the use of the aforementioned information.

Zn-Al 15 (Zn/Al 85/15)
 Zn-Al 4 (Zn/Al 96/4)
 Zn-Al 2 (Zn/Al 98/2)

In manufacturing Zn/Al wire: **Special High Grade Zinc $\geq 99,995\%$** (EN 1179 "Z1") and **Aluminium 99,7%**

Standard diameters: 1,2 - 6,4 mm

	Al %	Density g/cm ³	Melting gange °C
Zn Al 2	1,8 - 2,2	6,91	382 - 402
Zn Al 4	3,5 - 4,5	6,70	383 - 387
Zn Al15	14 - 16	5,73	384 - 450

packaging

Reels



Coils



Drums (HP or steel)



Notes

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