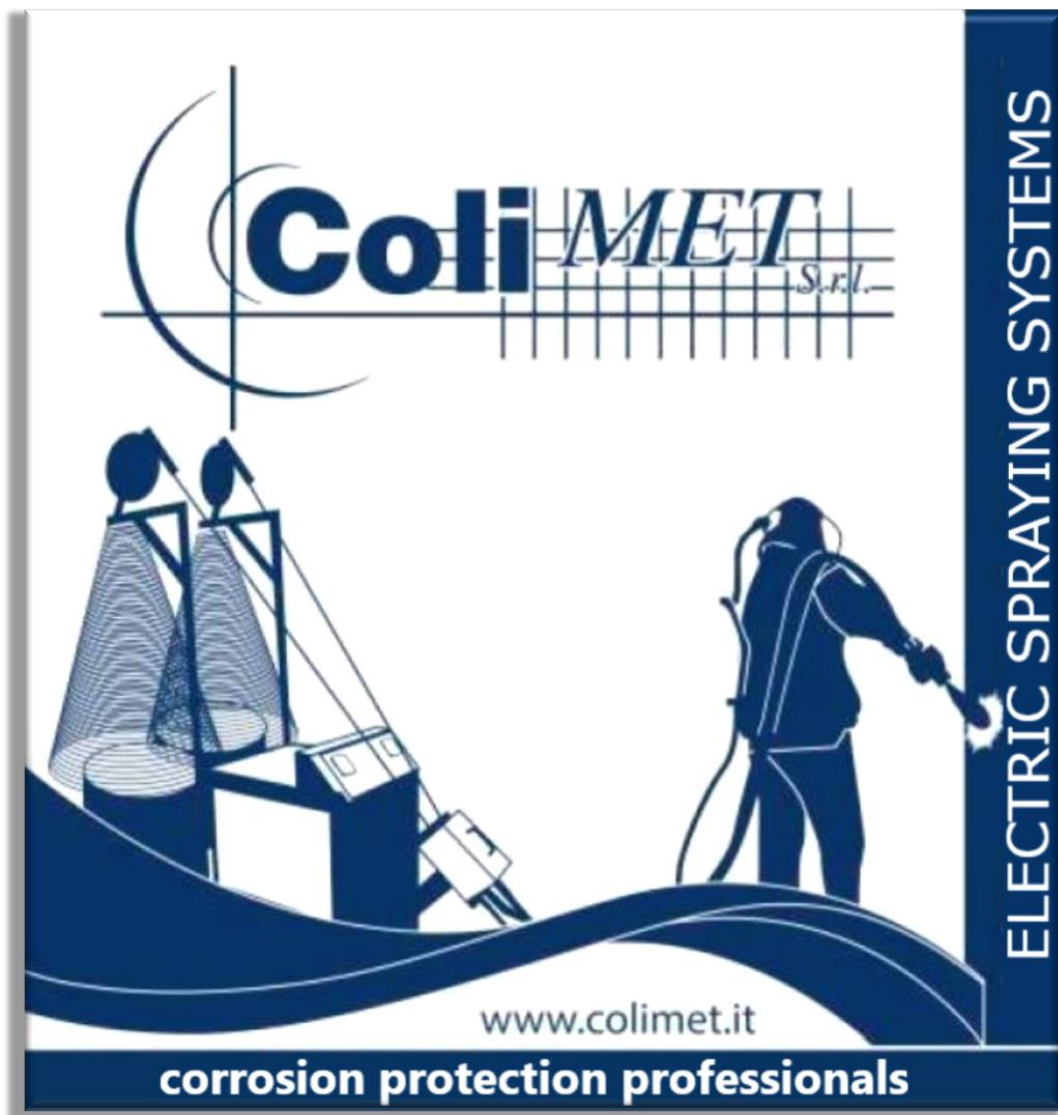




# CATALOGUE

## Zinc and Zinc/Aluminum Wires



- 2021 -



**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.**

**Zinc wire ISO 9002 (EN 29002) CAS n.7440-66-6 EC n.231-175-3**

<b>Chemical analysis</b>	<b>Cd+Pb</b> %	<b>Cu</b> %	<b>Sn</b> %	<b>Pb</b> %	<b>Fe</b> %	<b>Cd</b> %	<b>Zn</b> <b>&gt; 99,995 %</b>
<b>Nominal</b>	< 0,0040	< 0,0010	< 0,0010	< 0,0030	< 0,0020	< 0,0030	
<b>Typical</b>	0,0016	0,0003	0,0002	0,0014	0,0002	0,0002	
<b>Physical Features</b>	<ul style="list-style-type: none"> <li>• Density: 7,14 g/cm<sup>3</sup></li> <li>• Melting point: 419,58 °C</li> <li>• Boiling point: 907 °C</li> <li>• Electrical conductivity: 0,166 106 /cm Ω</li> <li>• Thermal conductivity: 1,16 W/cm K</li> </ul>						
<b>Mechanical Properties</b>	<ul style="list-style-type: none"> <li>• Tensile strength (N/mm<sup>2</sup>) &lt; 100 ± 5</li> <li>• Elongation at rupture 60- 100%</li> </ul> <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.

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 <sup>3</sup>	Melting range °C
<b>Zn Al 2</b>	1,8 - 2,2	6,91	382 - 402
<b>Zn Al 4</b>	3,5 - 4,5	6,70	383 - 387
<b>Zn Al15</b>	14 - 16	5,73	384 - 450

### Packaging

Reels



Coils



Drums (HP or steel)



### Notes

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