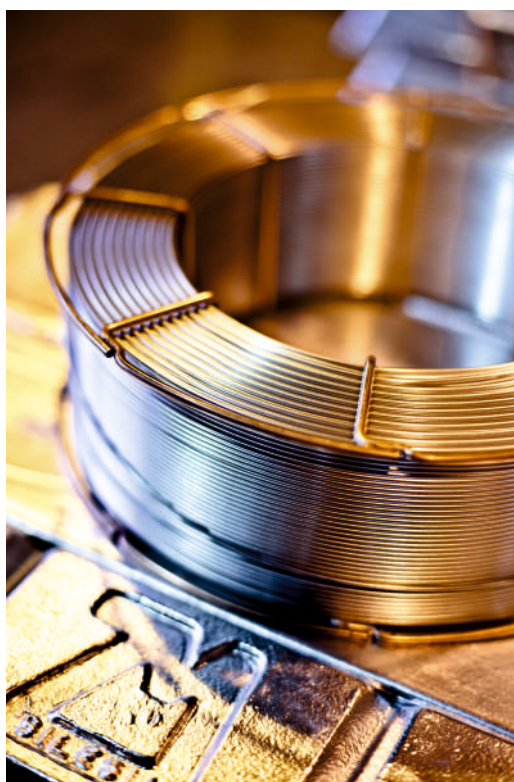


Zinc wire



Zinc wire **Zn99,99** is used to apply zinc coatings by metal spraying processes on steel products in order to protect them against corrosion. The wire also finds application in the electronics industry. SHG zinc of the highest purity (99,995%) is used in the production process of the wire.



CHEMICAL COMPOSITION IN %
Zinc wire **Zn99,99** according to PN-EN ISO 14919:2015-03

Alloy component	Admixtures – total max 0,010					
	Pb	Cd	Pb+Cd	Sn	Fe	Cu
min. Zn	max	max	max	max	max	max
99,99	0,007	0,004	0,011	0,001	0,005	0,002

Zinc spray is applied by use of electric arch or combustion guns. Depending on the type of the guns it is recommended to use zinc wire **Zn99,99** with appropriate physical parameters.

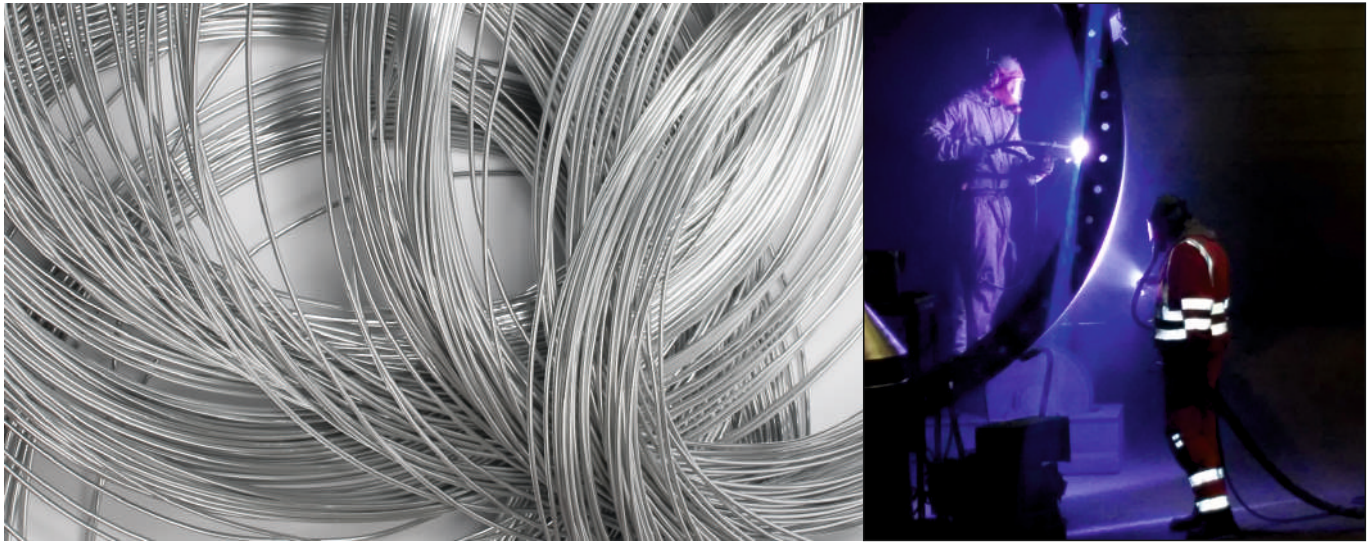
Symbol	Diameter
zinc wire Zn99,99	1,20mm – 4,76mm
	5,30 mm – 8,10 mm*

*specific order zinc wire with a diameter of 5.3 ÷ 8.1 mm packed in metal baskets

The application of zinc coatings by spraying is a method of anticorrosive protection.

It has the following advantages over hot dip galvanizing or electroplating:

- it is possible to metalize structures on site,
- no limitations as regards the dimension of components to be coated,
- it is possible to repair the coating on construction site (welding areas, mechanical damage, etc.),
- high resistance against mechanical damage,
- sprayed zinc coating has higher durability and its thickness can be easily adjusted to suit the operational requirements,
- zinc spraying eliminates the risk of thermal deformation of components to be protected.



Packaging:

Endless:

Cardboard barrels with a weight of 100, 150, 200, 250 kg or steel drums 200-450 kg. The wire is placed in a film bag and the barrels are capped. The barrels are packed in pairs or as a group of four on a wooden pallet and protected with polyethylene bands. In case of regular customers, barrels can be reused as per customer's request. On request steel barrels are also available.

Spools:

Wire coiled on plastic or metal spools weighting 20 kg each are put into cardboard boxes. The boxes are stacked on a wooden pallet and protected with a polyethylene band.

Coils:

- 1) Coils of 25 kg, protected against uncoiling with polyethylene bands are put into cardboard boxes stacked on wooden pallet and protected with polyethylene bands.
- 2) Coils of 25 kg, protected against uncoiling with polyethylene bands are put into cardboard barrels with a weight of 400-500 kg are packed in pairs on the pallet and protected with polyethylene bands.



Properties - zinc wire Zn99,99

Symbol		value
Tensile strength R_m	N/mm ²	90 ÷ 120



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