

ZINC-NICKEL TUBING



AK Tube LLC

A Subsidiary of
AK Steel Corporation



One of our customers in the automotive industry was experiencing corrosion problems with their parts in Northern climates.

Unfortunately, their powder coating methods did not provide consistent 500-hour salt spray performance. AK Tube recommended that they switch to a coated sheet steel product that not only provided more than 1000 hours of salt spray resistance but also superior bending/fabrication performance and paintability.

Results: our customer was able to eliminate warranty problems with previous material design and provide a product with a clear competitive advantage.

Product Overview

- AK Tube's zinc-nickel tubing is manufactured from an electro galvanized (10-14% nickel) steel coil.

Benefits of Zinc-Nickel

- High corrosion resistance
- Excellent formability
- Excellent paintability
- Cost compared to other methods of obtaining similar corrosion resistance results

Potential applications with Zinc-Nickel

- Cost savings alternative to aluminum tubing in some applications
- Fuel filler necks
- Running boards
- Grill guards
- Exposed automotive applications

Chemical Analysis

- May be supplied as either a drawing steel or extra deep drawing steel depending on the gauge and formability requirements

PAINTABILITY

Electrogalvanized zinc-nickel tubing is well suited for applications where a high quality paint finish is required.

PRODUCT AVAILABILITY

Available in 3/4" through 6" OD and 20 gauge (0.035") through 15 gauge (0.070")

SPECIFICATIONS

Please inquire on available specifications.

TECHNICAL ASSISTANCE

For additional information or to obtain samples of this product, contact our Technical Service Department at (800)955-8031 or email sales@aktube.com



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Data referring to mechanical properties and chemical analyses are the result of test performed on specimens obtained for specific locations of the products in accordance with prescribed sampling procedures; any warranty thereof is limited to the values obtained at such locations and by such procedures. There is no warranty with respect to values of the materials at other locations.

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