



# NEV-Mech -TUBING

(Mechanical Products with Corrosion Protection)

Focused on the European market, as a steel tube producer company NEVSAC (with its product NEV-Mech Tubing) provides engineered solutions with customized tubular products that provide superior strength, formability and corrosion protection resulting in optimum product performance, cost and total customer satisfaction.

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# Technical Details

## ASTM Standards for NEV-Mech -TUBING

### ASTM A513 Type 1A

ASTM A513 Type 1A mechanical tubing is produced from hot rolled strip steel. A513 Type 1 tubing provides more specific tolerances for OD, wall thickness, length and straightness tolerances than pipe and structural tubing specifications. It is often used in applications where bending, flanging, flaring or flattening is required. Tubing produced to the A513 specification also provide improved ductility with its closely controlled carbon steel grades.

### ASTM A513 Type 2

ASTM A513 Type 2 is produced from hot rolled strip steel that has been cold reduced. Due to the extra cold working at the steel mills, A513 Type 2 tubing will have tighter wall thickness tolerances, improved surface condition and a narrower range of mechanical properties than A513 Type 1.

### GRADES

SAE 1008, SAE 1010, SAE 1015, SAE 1020  
DX 51- S350GD

### ZINC COATING

#### **HDG (Hot Dip Galvanized)**

ISO 1461 (400 g/m<sup>2</sup>)

#### **Pre-Galvanized**

Z100 -G30 , Z275 -G90

SHAPES	SIZES	WT RANGE
Round Tubing	0.500" - 8.5/8"	1 mm-8 mm (0.040" - 0,300")
Square Tubing	0.625" - 6.000"	1 mm-8 mm (0.040" - 0,300")
Rectangle Tubing	0.750"x1.000" - 4.000"x8.000"	1 mm-8 mm (0.040" - 0,300")
Octagon	4.783"	2 mm-4 mm (0.080" - 0,160")

# Communications Industry & Traffic Signs



For a number of years, our steel tubing products have been commonly used in the communication industry.

Whether it's a mounting pole for a satellite dish or a cut-to-length component for a communication tower, Allied has your needs covered. Our in-line galvanized tubing offers superior corrosion resistance while offering the formability and needed strength to support your products.

## Greenhouse Structures

We solve the problem for many greenhouse structures demanding tube that require the strength to meet structural requirements, yet have the corrosion resistance for harsh greenhouse environment.

### ADVANTAGES;

Galvanized greenhouse pipes have high requirements on their own service life.

Suitable for bending and forming



# Solar Racking And Tracking

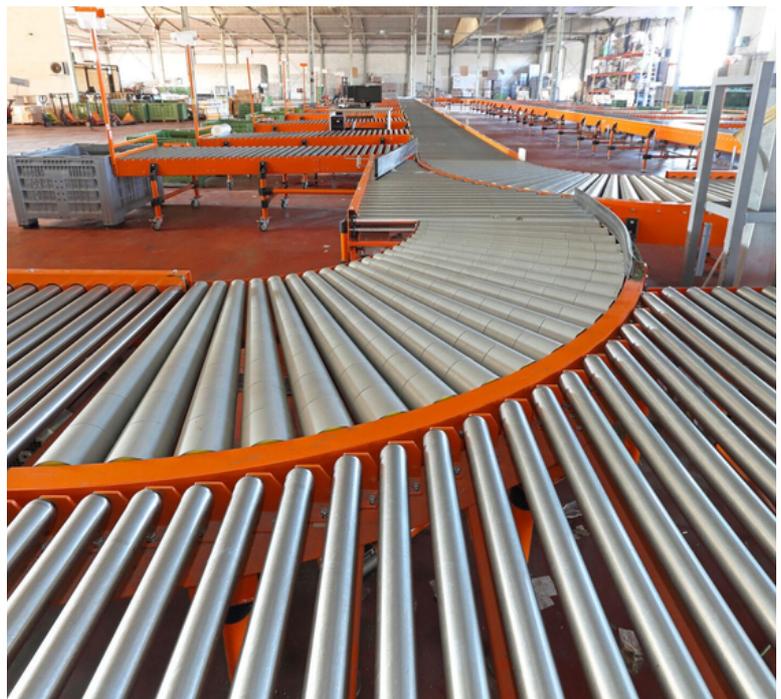


NEV-Mech Tubing offers a range of special fabrication services to provide assistance and product enhancement in the form you desire.

Our facility is equipped to handle swaging, drilling, bending, cutting, laser, welding, hole-punching and more as part of our value-add services. We'll work closely with you to ensure quality parts are fabricated to your specifications.

## Conveyor Systems

We not only manufacture our tube to conveyor specifications, but we also produce our tubing from the "inside-out." This has solved a problem for many conveyor manufacturers.



# Special Fabrication Services



## Fabrication Services Available Include:

Cut to Length (can combine multiple fabrication steps such as drilling, notching, punching and machining in one easy step)  
Bending, Welding, Assembly, Swaging, Packaging

## Processed Products is used in a multitude of applications:

Agricultural Equipment, Automotive Conveyor, Furniture, Healthcare Equipment  
Lawn and Gardening Equipment  
Recreational Vehicles,

