

Performance Features

Production Method

After heating an aluminum billet to a certain temperature, the billet is extruded into a tube by means of an extruder. (Conventional Combined Die Welding Extrusion Process)

Extruded Aluminum Tube

After heating the aluminum billet to a certain temperature, the billet is perforated using a piercer, and then the billet is transformed into a tube by drawing or rolling.

Seamless Aluminum tube

BTW, Yun Neng's precision aluminum tubes are all extruded aluminum tubes.

Structures

Uniform grain structure, high dimensional accuracy and surface quality.

Seamless Aluminum tube

It is weaker than seamless aluminum tubes in terms of structure and strength, but has an advantage in cost reduction due to higher production efficiency and relatively lower production difficulty.

Extruded Aluminum Tube

Strength And Hardness

More robust and pressure resistant.

Seamless Aluminum tube

Processing flexibility, longitudinal (extrusion direction) mechanical properties are much higher than other similar products.

Extruded Aluminum Tube

Application

High pressure: oil, gas, aerospace, automotive manufacturing.

Seamless Aluminum tube

Construction, Home, Electronics

Extruded Aluminum Tube

Forming of double-layer seamless aluminum tubes still unbeaten.

Technical Difficulties

High cost and high mold wear and tear.

Seamless Aluminum tube