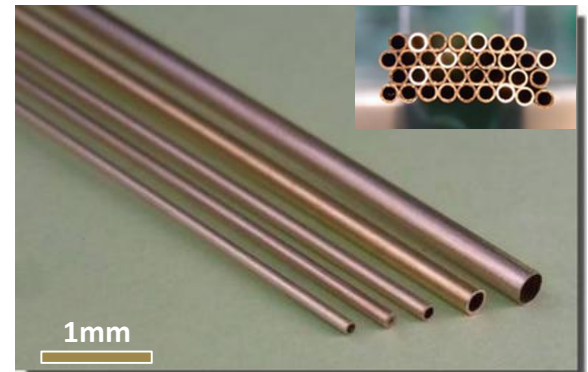


# HIGH-STRENGTH PRECISION TUBE

## Features & benefits

The BERYLCO Beryllium Copper alloys are the most versatile of all copper-based alloys. They combine a wide range of desired properties such as high strength, fatigue life, good electrical and thermal conductivity, excellent corrosion, wear and abrasion resistance. They are also non-magnetic and non-sparking.

MicroTuBe benefits from all the Beryllium Copper alloys natural advantages.



## Material properties

Alloy	Chemical Composition (%)	
BERYLCO 25	Be	1.8-2.0
CuBe2	Co+Ni	0.2 min
CW 101 C	Co+Ni+Fe	0.6 max
C17200	Cu+additions	99.5 min

When your application calls for a high quality tube to withstand severe condition, you need to rely on the best. Our tubes are unsurpassed and meet the highest demands and mechanical properties.

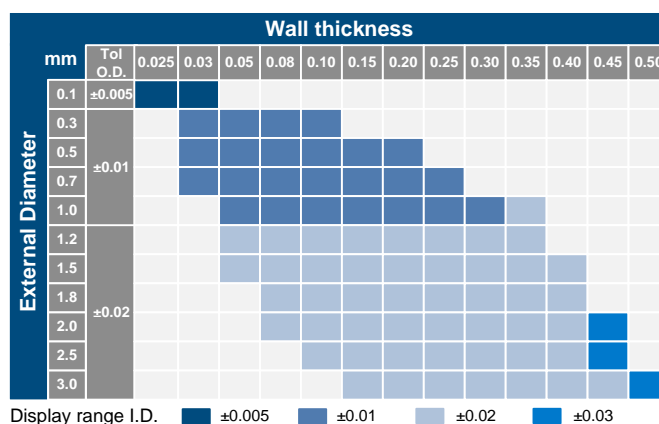
➔ Tensile strength 1000 MPa to 1200 MPa

## Quality

MicroTuBe is manufactured to our own exclusive NGK technical specification to guarantee the highest product quality.

The tube is continually monitored during production to ensure a high quality product. All tube is chemically and mechanically certified and testing can be conducted to international specifications if required.

## Standard product range



## Benefits of MicroTuBe

- High-Precision tubes
- Good oxidation resistance
- Design to last longer
- Non-magnetic & non-sparking
- Smooth internal and external surface
- High degree of roundness
- Comprehensive size range available
- Suitable for a wide variety of applications
- Supported by technical experts

## Length

The mills lengths of precision tube are available in a range of 0.4 to 2.0 metres.

Length tolerance is +5 mm, -0 mm, although tighter tolerance can be achieved for special applications.

## Surface finish

I.D. finish Ra = 0.15µm max (RMS 6)



NGK  
BERYLCO

## NGK BERYLCO Worldwide



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For more information, please visit our website [www.ngk-alloys.com](http://www.ngk-alloys.com) and see NGK Worldwide.*



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