

Drawn Tubes

Aluminium Drawn Tubes

AluSil International is the absolute specialist in the supply of aluminium precision drawn tubes. We deliver aluminium **porthole drawn tubes** and especially aluminium **seamless drawn tubes**. Our main customers can be found in the defence industry, aerospace industry, optical industry, electronic industry and automotive industry. High quality aluminium cold drawn seamless tubes from AluSil International are also widely used in sports equipment.

Our drawn tubing are coming out of manufacturing plants with an approved **Quality System, UNI EN ISO 9001: 2000, ISO 14001** and **AS 9100B** by AFAQ-AFNOR.

We can performance **metallurgical, mechanical and structural tests** and also non-destructive tests, **eddy current and ultrasonic**.

AluSil International can supply aluminium drawn tubing in conformity with requirements stated in the **customer's specifications** and international **norms** such as EN, AIR, AFNOR, AMS, WW-T, ASTM, BS/L, UNI and many more.

Wrought alloys available:

Series 1000: 1050 / 1070 / 1100

Series 2000: 2011 / 2014A / 2017A / 2024 / 2618

Series 3000: 3003 / 3103 / 3004 / 3104

Series 5000: 5049 / 5051A / 5052 / 5056 / 5083 / 5086 / 5154A / 5251 / 5754

Series 6000: 6005 / 6060 / 6061 / 6063 / 6082

Series 7000: 7003 / 7005 / 7010A / 7020 / 7022 / 7046 / 7049A / 7050 / 7075 / 7175

Other alloys are available on specific request.

Dimensions:

Starting with 0.20 mm outside diameter.

Starting with 0.025 mm wall thickness.

Tolerances:

Depending on outside diameter, up to +/- 0.005 mm.

Straightness deviation max. 1 mm / m.

Shapes:

Round tube, square tube, rectangular tube, oval tube, hexagon tube, octagon tube, sectional tube.

Fabrications:

Cutting, deburring, CNC machining, tapering, polishing, anodising.

Aerospace Aluminium Seamless Drawn Tubes:

Aluminium Alloy	BS Specification	US Federal Specification
2014A	L105, L63	
2024		WW-T-700/3, AMS 4088
3003		WW-T-700/2, AMS 4067
5052		WW-T-700/4, AMS 4070
5086		WW-T-700/5
5251	L56	
6061	L117, L118	WW-T-700/6, AMS 4080 / 4082
6082	L114	
7075		WW-T-700/7

CALU:

Aluminium 7075-T6 core tube covered with Carbon (for more information, please take a look at our Carbon webpage).

We also have good possibilities for **hydroformed aluminium tubes**, **double butted aluminium tubes** and **triple butted aluminium tubes**.

Please feel free to contact us for drawn aluminium alloy tubes outside our above mentioned range as our production program is growing constantly.