



Tungum Alloy UNS C69100 Tubing For Aerospace Applications

Aircraft applications:

- 1) Pipework for aircraft hydraulic and pneumatic controls.
- 2) Landing gear hydraulics.
- 3) Brake systems.
- 4) Life support systems.
- 5) Aircraft structure fatigue test rigs.
- 6) Wind Tunnel air control / instrumentation systems.

Tungum specified for the following benefits:

- High strength-to weight ratio.
- High resistance to shock and vibration.
- Superior corrosion resistance.
- Clean bore characteristics.
- Safety enhancement - non sparking material.
- Ease of manipulation and installation. No hot-work necessary.
- Low cost alternative to more expensive stainless steel alloys, further decreasing asset lifetime costs.
- Compatible and approved with all industry recognized tube fittings.

Approvals & Accreditations:

- DNV GL – Det Norske Veritas ISO 9001
- ASME – American Society of Mechanical Engineers Section 1, VIII, B31.1 & B31.3 Code Cases
- USCG – United States Coast Guard
- NORSOK – M-650 Qualification of Manufacturers of Special Materials
- ABS – American Bureau of Shipping Type Approval
- IMCA – International Marine Contractors Association – Document D012 – approved for use in Oxygen systems
- BAM – Federal Institute for Gaseous Oxygen Service, tested in accordance with ASTM G124-10 (2010)
- Lloyds Register of Shipping