



Why

SEALEXCEL[®]

TUBE FITTINGS



ABOUT US

- More than 2 decades of experience and expertise in manufacturing high quality Fittings and Valves suitable for Instrumentation, CNG, LNG, Hydraulic and Pneumatic applications.
- Three well equipped modern manufacturing plant with highly motivated team of employees and up to date technology assisting us to produce world class consistent and reliable quality Fittings and Valves.



The secret of our success is our engineering expertise, product accuracy, consistency, timely delivery and prompt communications



DESIGN, RESEARCH AND DEVELOPMENTS

- SEALEXCEL'S latest Cad/Cam system, testing facilities and proficient in-house team of R & D allows us to design the products to perfection and ensure highest standard of quality, reliability, consistency and excellence.
- Upgradation of our manufacturing techniques and infrastructure at regular intervals helps us to anticipate future industrial requirements and keeps us at the forefront as manufacturers of world class consistent and reliable quality products.



Our manufacturing expertise, capability and commitment for quality allows us to meet the most stringent demands of our customer



MANUFACTURING

- Our manufacturing expertise and capability combined with modern manufacturing facility with latest cutting edge machineries ensure consistent quality and high performance products.



QUALITY

- SEALEXCEL has total quality management culture from the incoming traceable high quality raw material to finish products ensuring our commitment to efficient and high quality products compatible with ISO 9001:2008, PED 97/23/EC and ATEX 94/9/EC.
- With strictly controlled quality checks at all stages and by continuous improvements in our products, process and systems ensure customer receives our product with zero defect.



Our Aim is to satisfy our customers with our World Class quality products combined with competitive price.



TESTING FACILITIES

- We have In-house Testing Facilities to check, verify and confirm the guarantee of high quality, reliability, consistency, performance with safety norms for our products.
 1. Helium leak Test.
 2. Hydro Static Proof Pressure Test.
 3. Pneumatic (Nitrogen) Proof Pressure Test.
 4. Pressure Impulse and Vibration Test.
 5. Burst Pressure Test.
 6. Rotary Flex Test.
 7. Flexure and Fatigue Test.
 8. Temperature Cycling Test.
 9. Make and Remake Test.



The above tests are carried out on a regular basis.

The Total quality and innovation are our strength for future business with you



CERTIFICATIONS

- SEALEXCEL Fittings and Valves meet the international specifications requirements for high quality, maximum reliability, consistency, safety and high performance. Which has earned us various quality and type approval certifications.



ISO 9001 : 2008



PED 97/23 EC



PED 97/23 EC



ATEX 94/9 EC



ASTM F1387-99(2005)



ECE R 110



BS 4368:4 : 1984



BS 4368:4 : 1984



ARAI



Helium Leak Test

SEALEXCEL Well-lok Twin Ferrule Tube Fittings



MATERIAL TRACEABILITY

SEALEXCEL Tube Fittings in SS316 are traceable to certified material test report.

- Guaranteed Right Material entering the supply date.
- Improves efficiency, transparency and company integrity.
- Ensure safety capabilities with increased effectiveness.
- Avoid mix-up of high strength material which looks identical to commercially low strength.



SILVER PLATED NUT

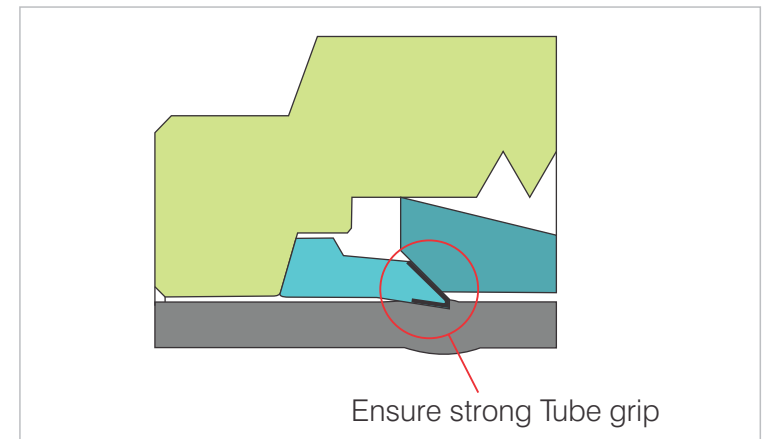
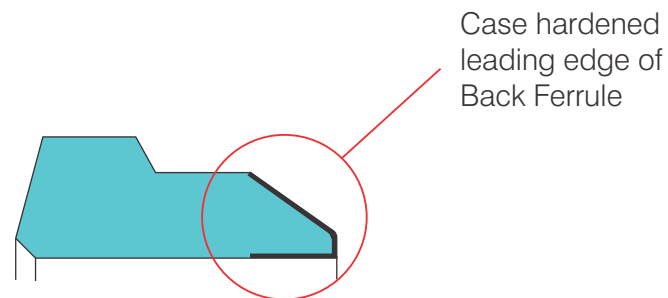
- Extend the fittings life by preventing galling across a wide range of temperature.
- Reduce the torque during the assembly.



BACK FERRULES

The leading edge of back ferrules are case hardened.

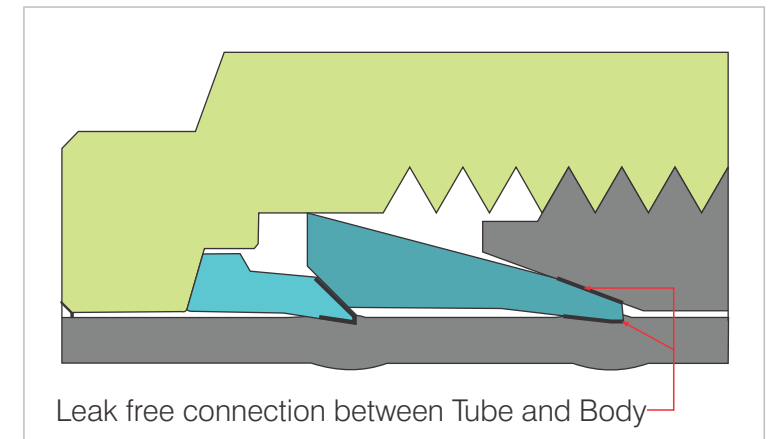
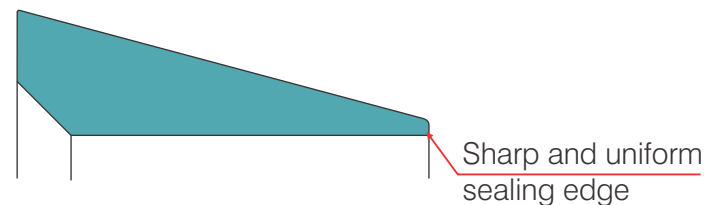
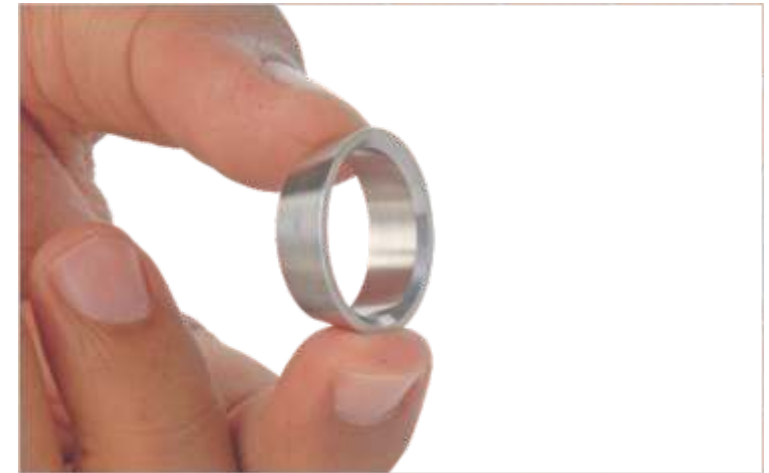
- Ensure strong Tube grip.
- Excellent Vibration Resistance.
- Leak-free Gas Seal.
- High performance and Safety under high pressure and deep vacuum conditions.



FRONT FERRULES

Precision Machined to very close tolerances by monitoring critical dimensions, surface finish, run out and sharp edges.

- Ensure leak free connections between Tube and Body
- Leak-free Gas seal.
- High performance and Safety under high pressure and deep vacuum conditions.



SIZING ANGLE

SEALEXCEL provides a slight taper in the base of the tube socket in the Fitting body.

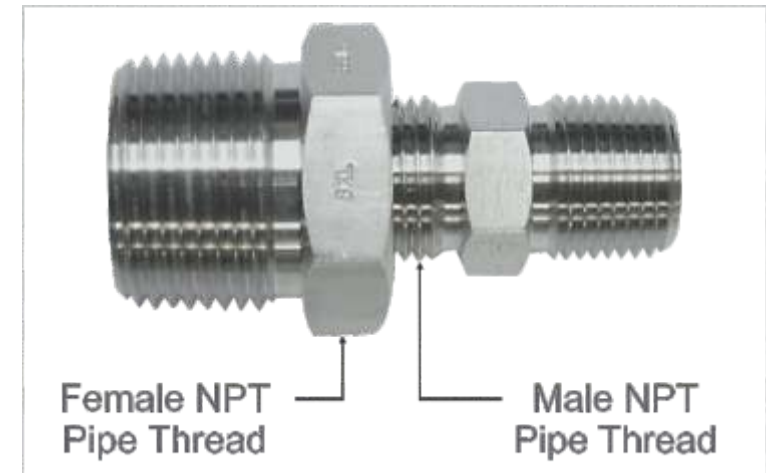
- Reduces the possibility of the tube sticking in Body during disassembly.



PIPE THREADS

Manufactured to maximum tolerances.

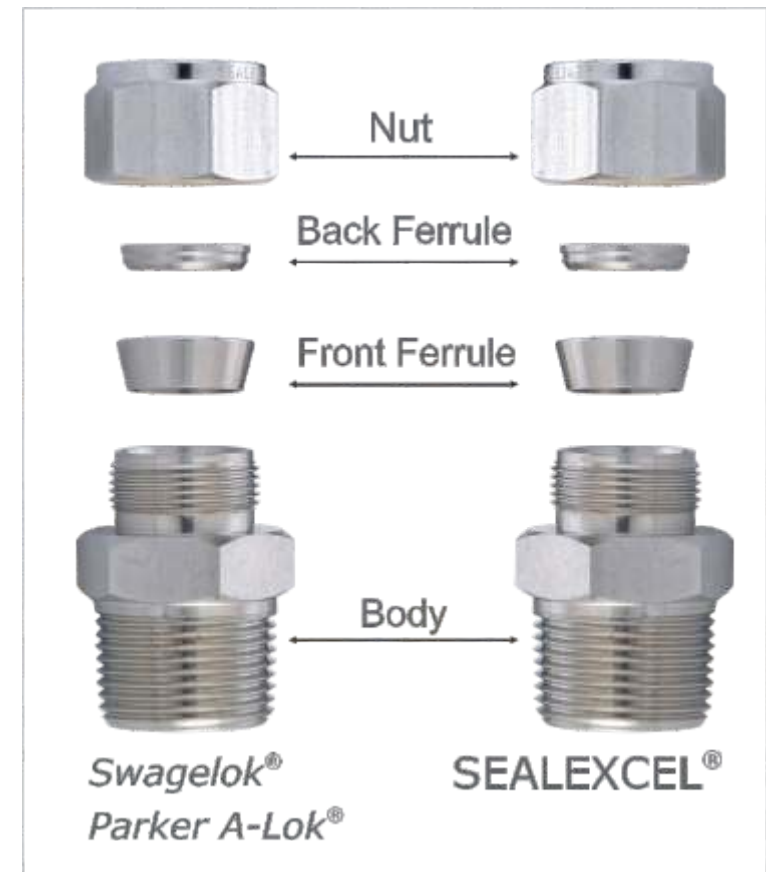
- Ensure to have maximum thread engagement ensuring robust and safe connection.



INTER-CHANGEABILITY

The Design of SEALEXCEL Well-Lok Twin Ferrule Tube Fittings are similar to certain other well-known Fittings manufacturers including Swagelok , Parker A-Lok etc.

- SEALEXCEL guarantee the functional interchangeability with certain internationally well-known fittings manufacturers without disturbing the performance and reliability.



HELIUM LEAK DETECTION TEST

- SEALEXCEL[®] Well-Lok[™] Twin Ferrule Tube Fittings offers deep vacuum capability with good quality tubing and will be leak tight at vacuum level of 10^{-9} torr. This test was conducted in-house with ASM 142 Helium Leak Detector (Alcatel)
- Ensures maximum safety and reliability in deep vacuum applications.



BURST PRESSURE TEST

- SEALEXCEL[®] Well-Lok[™] Twin Ferrule Tube Fittings have been tested to tube burst i.e. 4 x permissible working pressure of the tube.
RESULT : No leakage, cracks or damage were detected in the Tube Fittings throughout the test.
- Ensures maximum safety and reliability in high pressure applications.



Question : WHY domestic customers still prefer to buy and use internationally renowned brand Swagelok[®] and Parker A-Lok[®] Fittings at very high cost?

Answer : The locally available Tube Fittings have identical look but may not have important and critical features, hence there are frequent failures. The internationally renowned brand Tube Fittings have important and critical features as shown in features and benefit of Tube Fittings which ensure high safety and consistent reliable performance under adverse, harsh, stressful environments like Vibration, High Pressure, Deep Vacuum and Thermal Shock etc.

Conclusion : SEALEXCEL[®] Tube Fittings have all important and critical features which ensures high safety and consistent reliable performance under adverse, harsh, stressful environments like Vibration, High Pressure, Deep Vacuum and Thermal Shock etc.

The Important Features of Tube Fittings SEALEXCEL VS. SWAGELOK



FEATURES	SEALEXCEL VS. SWAGELOK
Twin Ferrule Design	Yes
Traceable Quality SS316	Yes
Silver Plated Nut	Yes
Hardened Back Ferrule	Yes
Thread Design to allow Intermix of Components	Same
Shoulder Marking to distinguish between Metric & Imperial size	Same
Ability to Identity different thread forms through body marking	Same
Stringent Quality Assurance Standard	Yes
Installation procedures	Same
Gaugeability to check correct installation	Same
Pressure Rating	Same
Temperature Rating	Same
Requirement of Tube Specifications	Same
Leak integrity	Same

What is the main Difference...? **THE PRICE !!!**

- Trust us.
- Compare us
- You will be completely satisfied with quality and performance with **substantial cost saving.**
- Try us.
- Provide us an opportunity.

*...Make the leak free connections with
World Class Quality SEALEXCEL products
at economical price...*



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