The Most Extensive Line of Aircraft Tubes in the World

When you think about what aircraft tube you want to rely on for safe landings and reliability, you may not realize that Aero Classic tubes are the market leader in aircraft tubes. You think your General Aviation aircraft is tough on its tubes? The same tube available to you also meets the needs of an “unnamed” application that must stay airborne for 24 hour periods at 50,000 feet. Aero Classic tubes meet this need where others have failed.

Aero Classic is the sole source manufacturer of tubes for such severe service applications as the A-4 where the tube must withstand 355 P.S.I., C-130 Transport that requires an inner tube that can withstand a tire bottoming load of over 125,000 lbs., B-52, a bomber that is so large it requires tires at the edge of the wings, as well as dozens of less critical specification, although very important aircraft nonetheless.

More compound choices than any other manufacturer

Aero Classic’s proprietary Leakguard Butyl Compound offers proven low diffusion rates combined with less stretch sizing for improved performance. Aero Classic’s Natural Rubber Compound offers more durability under all conditions. It conforms to tire distortion better, dissipates heat, remains flexible in cold weather and has the ability to be re-used under conditions where a replacement tube is not immediately available.

Size does matter

Not only does Aero Classic have almost 100 choices of aircraft tubes, but our tubes are FULL SIZE and not stretch to fit design. By developing individual matrices for each size, our tubes are in a more relaxed state when in service. This means less stretch, less air diffusion and longer life.

- Largest range of any manufacturer; Over 100 different types available.
- Nearly 50,000 Aero Classic tubes are supplied annually in over 100 countries.
- Proprietary Leakguard Butyl and Low Temperature Natural Rubber compound formulations for all types of service requirements.
- Largest Aircraft Tube supplier to the U.S. and many Foreign Militaries.
- Manufactured to Aerospace Standard SAE-AS50141, where applicable.
- Tested to ultra low -50C for superior reliability.
- Aero Classic tubes are specified by the US Military as a “critical component” in numerous applications.
Why Should I Replace My Tubes?

Aircraft tubes are made of natural rubber and are made slightly undersize, so they will fit easily into a new tire. Aircraft tire plies are made of nylon, and will "grow" slightly in service. The tube will also grow, and will eventually take a permanent set to the (now) larger inside-tire dimension. If this now-larger tube is later put into a new tire, it may be too large for the inside-tire cavity, with the result that the tube may have folds in it. In service, these folds may eventually wear through and destroy the tube’s ability to hold air. Considering the risks in reinstalling a used innertube, we recommend a new tube installed in every new tire.

Source: Specialty Tire Product Guide