CHOICE MATTERS.

If You Prefer Titanium,
Don't Let Someone Else Tell You That Aluminum is Good Enough.

7000 SERIES ALUMINUM IS NOT A SUBSTITUTE FOR TITANIUM

Those who chose titanium for its strength, ride, and durability are being told that 7000 Series Aluminum is comparable. It is not.

Because materials and design are both critical, even the best design cannot erase critical differences in material properties and ride characteristics. 7000 Series Aluminum is not titanium.

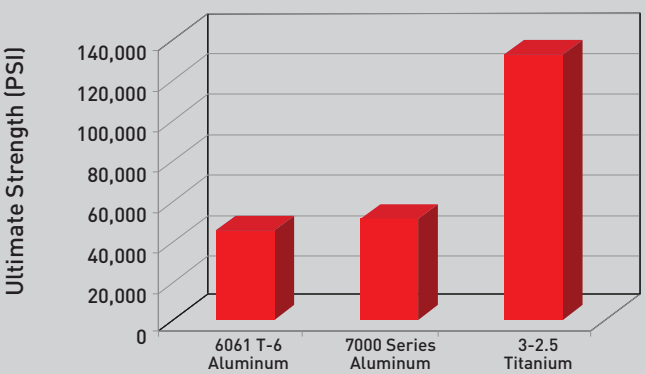
TITANIUM'S UNIQUE PROPERTIES

Strength-to-Weight Ratio: Titanium has the highest strength-to-weight ratio of any metal[1-4]. This difference between titanium and 7000 Series Aluminum is enormous (see charts below). With titanium, you get more bang for every buck of material. The result: A stronger, lighter frame.

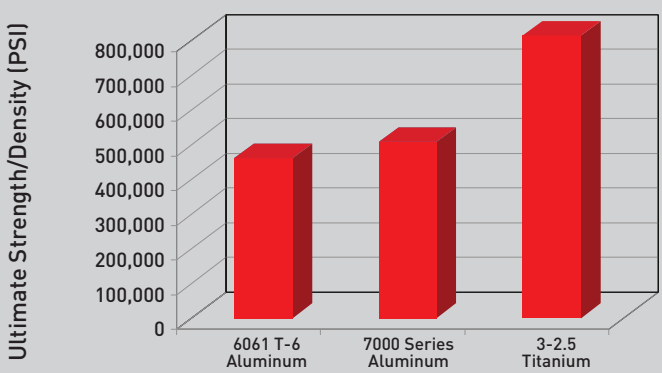
The Titanium Ride: Titanium has unique dampening qualities so that less vibration is transmitted to the user. This difference is well-documented and for those that prefer this smoother ride, this difference is also unmistakable.

Durability: Titanium's unparalleled strength and fatigue resistance means better durability. Titanium does not rust or corrode and shows little sign of wear even after years of use.

3-2.5 Titanium is 260% Stronger than 7000 Series Aluminum[1-4]



Titanium has the Highest Strength-to-Weight Ratio of Any Metal on Earth[1-4]



THE VALUE OF YOUR CHOICE

If you prefer titanium's strength, ride, and durability, these unique qualities directly translate into value. This value pays for itself every day, day in and day out. Renowned researcher and professor, Dr. Rory Cooper, recognized this when he listed the "expanded use of titanium" in his "Top 10 Advances" in manual wheelchairs over the past decade. If you prefer titanium, don't settle for less.

TILITE'S COMMITMENT

TiLite has a singular focus and singular goal: Make the best manual wheelchairs in the world. No compromises. No short-cuts. In pursuit of that goal, we recognize that there is nothing more important than creating choices for you. That is why we make, and will continue to make, the best chairs on the market in titanium and aluminum.

1. Matthew J. Donachie, Jr. (1988). TITANIUM: A Technical Guide. Metals Park, OH: ASM International. ISBN 0871703092.
2. Metals Handbook, Vol.2 - Properties and Selection: Nonferrous Alloys and Special-Purpose Materials, ASM International 10th Ed. 1990.
3. Materials Properties Handbook: Titanium Alloys, R. Boyer, G. Welsch, and E. W. Collings, eds. ASM International, Materials Park, OH, 1994.
4. Structural Alloys Handbook, 1996 edition, John M. (Tim) Holt, Technical Ed; C. Y. Ho, Ed., CINDAS/Purdue University, West Lafayette, IN, 1996.