

STRATUSTEEL®



110ksi STEEL TUBING



*It's **MIGHT**...
made **LIGHT**.™*



THE STRONGEST, LIGHTEST, STEEL TUBES ON THE PLANET

LIGHTWEIGHT STEEL WITH HEAVYWEIGHT PERFORMANCE

Stratusteel® is a revolutionary hollow structural steel tubing that delivers an extraordinary set of characteristics:

High Strength

= Yield strengths as high as 110KSI, enabling your products to support greater loads and span greater distances.

Light Weight

= 35% lighter than an equivalent A500 50KSI product!

2x Harder than Steel

= Your products become more durable and sustainable; remain better-looking, longer.

CUSTOM SIZES AND PROFILES

Stratusteel is available in a broad range of standard and metric sizes. But our variable tooling mills also allow for custom tube profiles. We can optimize wall thickness and outer dimensions/contours for your specific needs.

Customizing for your exact application saves you from buying bulkier stock than you really need...making Stratusteel a high-value custom product for a standard steel price!

Here's an example:

Your design shows that a 3.83" x 5.75" x 0.197" HSS will work on your product (weighing 11.98 lbs/ft.).

If the nearest size in conventional HSS is 4" x 6" x .025" (weighing 15.62 lbs/ft.), you'll experience an unnecessary 23% increase in weight and thus a 23% increase in cost!

Stratusteel would enable you to avoid those increases with efficient, optimal dimensions and weight.



HOW DOES STRATUSTEEL BENEFIT YOU?



ENGINEERS: Explore new design options with lighter, more streamlined products. Switching to Stratusteel from ASTM A500 Grade B can enable a wall thickness reduction of 35%.

It may even enable you to reduce the number of steel components in your assembled product.



PURCHASING AGENTS: Every pound of steel you don't have to buy is a direct savings for your bottom line.



SHIPPERS: Smaller, lighter products mean fuller shipments and lower shipping costs. This enables you to get the most out of every freight mile—ultimately reduces demands on drivers' time, and fuel consumption.



MARKETERS: With Stratusteel, your product may potentially be positioned as the lightest, strongest of its kind on the market.

Finishes available:

- Post-pickled in oil
- EPS (Eco-Pickled Surface)



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WITHSTAND MORE



STRATUSTEEL®



**CONTACT US TO EXPLORE THE ADVANTAGES
STRATUSTEEL CAN BRING TO YOUR PRODUCT LINE!**



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