Another benefit of higher density in friction products is greater structural integrity. It is actually somewhat common sense that a higher mass would yield a stronger product. In the real world, higher density brake linings are far less likely to crack while in service, while riveting, or due to rust jacking.

Conversely, let’s consider the impact that a lack of density can have on brake linings. Typically, economy grade and far East manufactured brake linings have a much lower density than premium friction materials. This is a direct reflection of what they are made of: large amounts of low quality raw materials.

Since their introduction to the heavy-duty industry, Marathon brake linings have featured a family of friction formulations that have led the market in performance. The density of a Marathon brake lining exceeds all other friction competitors.

Below are the average density advantages of Marathon versus the competition:

- +15% vs Federal Mogul/Abex
- +20% vs Arvin Meritor/Frasle
- +25% vs Haldex

For the greatest return on investment, fleets that choose a premium, high density lining will save significant money by achieving a longer service life, extending brake reline cycles, and providing consistent, reliable stopping power that their drivers will value. And when it comes to Hi Density... it’s the Marathon Advantage!