Pneumatic Tire Facts

Wheelbarrow Tire vs. Automobile Tire
Pneumatic wheelbarrow tires are not built like automobile tires; they are manufactured with single rubber plies that are meshed together. Automobile tires have not only rubber plies but also steel fibered mesh and other materials which give an automobile tire significant strength and durability advantages a pneumatic wheelbarrow tire does not possess.

Pneumatic wheelbarrow tires were NOT designed to be run over coarse surfaces such as rocks or stones, sharp objects, and inconsistent surfaces. If wheelbarrows are used on surfaces that are not generally smooth and free of debris and coarse materials, they are significantly more likely to experience ruptures, tears and general failure.

Tire Pressure & Load Rating
Tire pressure is one of the most important aspects of tire performance, especially as it relates to load. In the event a pneumatic wheelbarrow tire is either over or under inflated, this risk of tire failure increases exponentially as the load increases. Maintaining proper pressure and load ratings are critical elements to ensuring proper tire performance.

Recommendations
Always ensure your tire is inflated to 30 PSI before each use. A bicycle pump is best for blowing up small tires; air compressors can be too powerful and will permanently damage the tire if you accidentally over-inflate them.

Do not use your tire if you see any cracking, bulging, or cannot maintain adequate air pressure. To avoid excessive wear on the tire, use wheelbarrow on smooth, flat ground and avoid rocks and debris when possible.

Balance is key when using a wheelbarrow and in maintaining even wear on your tire. Center heavy loads in the wheelbarrow bin over the wheel when possible. Do not exceed the maximum rated capacity of the wheelbarrow.

Keep the tire inside at room temperature when possible. Extreme cold/heat will decrease the life of the tire.

If you see any issues with the tire prior to use, please contact your dealer. Once a tire has been used, it cannot be returned.

All tires are visually inspected at Metal Forms Corporation prior to packing and shipping. Tires are not shipped unless they pass a multi-point inspection to ensure they are adequate for shipment and usage upon arrival at customer destination.