Flat-Free, Pneumatic, Semi-Pneumatic and Solid Rubber Wheel Selection Guide

Wheel Terminology

Flat-Free Wheel - Solid polyurethane tires provide shock absorption and load handling characteristics similar to a pneumatic tire - with the benefit of never going flat.

Pneumatic Wheel - Air-filled wheels, designed for low-speed applications, providing a cushioned ride, shock absorption and quiet operation.

Semi-Pneumatic Wheel - Extra-thick rubber tire with a non-pressurized hollow core that is lighter weight than solid rubber and offers slight flexibility and limited shock absorption.

Solid Rubber Wheel - Designed for high load-capacity applications and smooth surfaces, featuring a solid, dense tire construction with no shock absorption.

Flat-Free

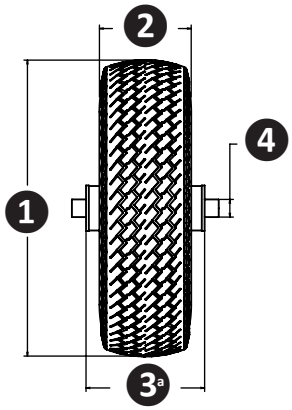
Pneumatic

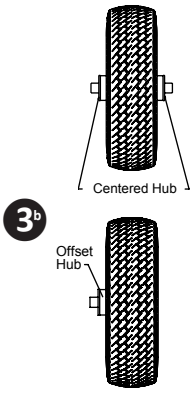
Semi-Pneumatic

Solid Rubber

How to Measure a Wheel

1. Measure overall diameter of wheel
2. Measure width of wheel
3. a. Measure hub length - from outside of bearing to outside of bearing
   b. Note if hub configuration is centered or offset
4. Measure inside diameter of bearing/bore or axle diameter





Tread Patterns

Sawtooth

Ribbed

Smooth

Knobby

Turf

Diamond