

Smoothy 90 & 95™

The only tires and wheels with
a +/- 0.005 TIR

Smoothy 90 tires and Smoothy 95 load wheels are a revolution in tire and wheels design.

Smoothy is ideal for industries including:

- Material Handling
- Caster Applications
- Transportation & Logistics
- Engineered Wheels
- Heavy Equipment
- Outdoor Maintenance



Smoothy 90 & 95

Smoothy 90™ is for tires and Smoothy 95™ is for load wheels for load wheels

Our engineering and manufacturing processes provide a nearly perfect roundness. A +/- .005 Zero TIR is (total indicator run out) maintained after being pressed onto the hub, means you will have a smoother, safer, and a more energy-efficient ride. No other polyurethane wheel meets this demanding specification. The Smoothy's advanced polymer compounds excel in high-speed & high-load applications.

Application Include

- Drive Tires
- Load Wheels
- Stabilizer Wheels
- AGVs, ASRs, Robots
- Caster Wheels
- Bogie & Idler Wheels
- Conveyors
- Cargo Dollies
- Container Loaders
- Custom Designs for Unique Applications

Performance Attributes



Available in sizes ranging from 2" to 22" OD and supporting loads up to 35,000 lbs for 90A and 46,000 lbs for 97A.

Other Features

Excellent for:

Drive tires and load wheels for high reach trucks, order pickers and AGV's.

Performance strengths:

Perfectly round design reduces mast sway and vibration which increases driver safety and comfort. With AGV wheels system odometry error is significantly reduced over time.

Also available in a multiple of tread profiles

Technical Data

	Load Wheels	Tires
Hardness (Shore A)	97A	90A
Split/Tear (pli)	170	145
Tensile Strength (PSI)	4800	7900
Elongation (%)	335	530
Compression Set (%)	29	20
Bashore Resilience	44	25
NBS Abrasion Index	300	170

What to expect from a Stellana wheel

Stellana produces wheels and tires with the highest standard of craftsmanship. Our products offer the lowest cost of ownership and longest service life found in our industry. You will never find debonding in our products or any deviation from wheel to wheel because we use the strictest variables to measure every aspect of production. Our wheels are also manufactured to a proven +/- 0.005 run out.