

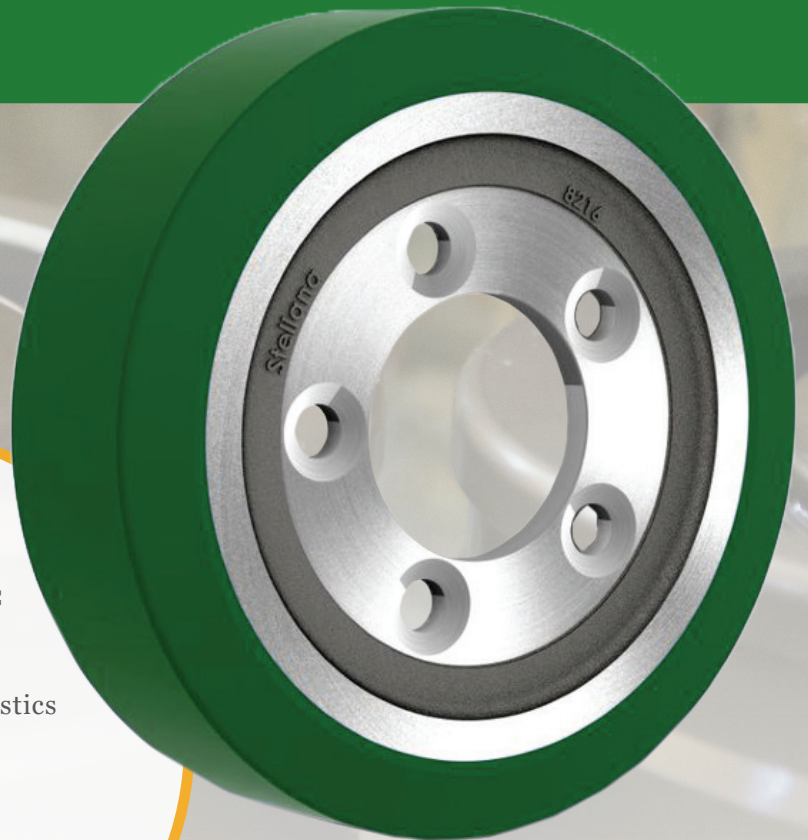
Gmax™

Engineered durability and strength

Suitable for your toughest conditions, this material offers excellent cut and tear resistance coupled with high load capabilities.

Gmax is ideal for industries including:

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





Gmax™ is a 95 shore A polyurethane MDI material

Stellana Gmax is an application specific premium polymer compound that is suitable for a wide variety of applications. The material properties of the Gmax provide excellent resistance to chunking, tearing and flat spotting in wheels and tires. Being a harder compound (95 Shore A), traction and cushioning properties are reduced.

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		



Available in sizes ranging from 2" to 16" OD and supporting loads up to 27,000 lbs.

Other Features

Excellent for:

Rough floors, travel over expansion joints, high speed applications.

Performance strengths:

Excellent thermal dispersion, zero flat spotting, non-marking.

Also available in a multiple of tread profiles

Performance Attributes

Load Capacity - 10	
Long Runs - 10	
Cut/Tear Resistance - 10	
Traction & Braking - 5	
Noise Reduction - 5	
Operator Comfort - 5	

Technical Data

Hardness (Shore A)	95A
Split/Tear (pli)	185
Tensile Strength (PSI)	5850
Elongation (%)	565
Compression Set (%)	27
Bashore Resilience	40
DIN Abrasion (mm3)	37



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.