

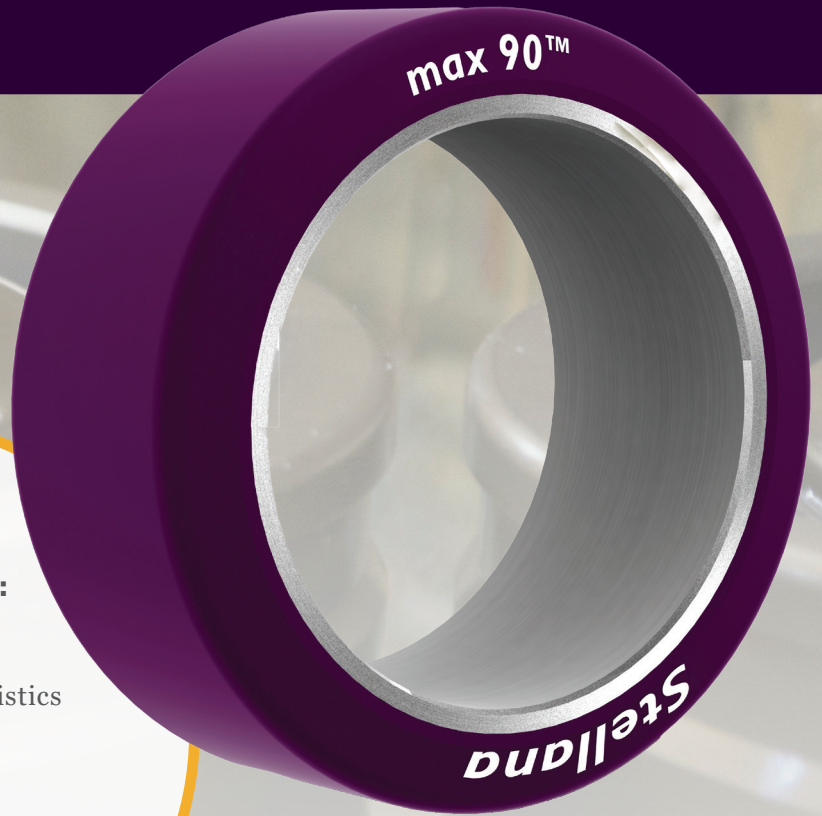
# max90™

The perfect blend of performance

Ideal for drive tires, caster wheels and other high-performance wheels that require exceptional load capabilities.

**max90 is ideal for industries including:**

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



## max90™ is a 90 shore A polyurethane MDI material

Polyurethane wheels and polyurethane tires on today's material handling equipment are pushed to the extreme and are expected to move materials faster, carry heavier loads, and provide greater traction. The max90 is precisely engineered and offers a perfect blend performance in a wide variety of applications.

### Application Include

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

### Performance Attributes

Load Capacity - 9	
Long Runs - 9	
Cut/Tear Resistance - 9	
Traction & Braking - 8	
Noise Reduction - 8	
Operator Comfort - 8	



Available in sizes ranging from 2" to 22" OD and supporting loads up to 34,000 lbs.

### Other Features

#### Excellent for:

For higher loads where some level of softness is required and environments where high resilience against mechanical impact and wear and tear is needed.

#### Performance strengths:

Low wear and non-marking, reduced noise generation, safer for floors and conveyor rails. Low rolling resistance resulting in less battery drain. Greater driver comfort.

**Also available in a multiple of tread profiles**

### Technical Data

Hardness (Shore A)	90A
Split/Tear (pli)	145
Tensile Strength (PSI)	7900
Elongation (%)	530
Compression Set (%)	30
Bashore Resilience	25
NBS Abrasion Index	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.