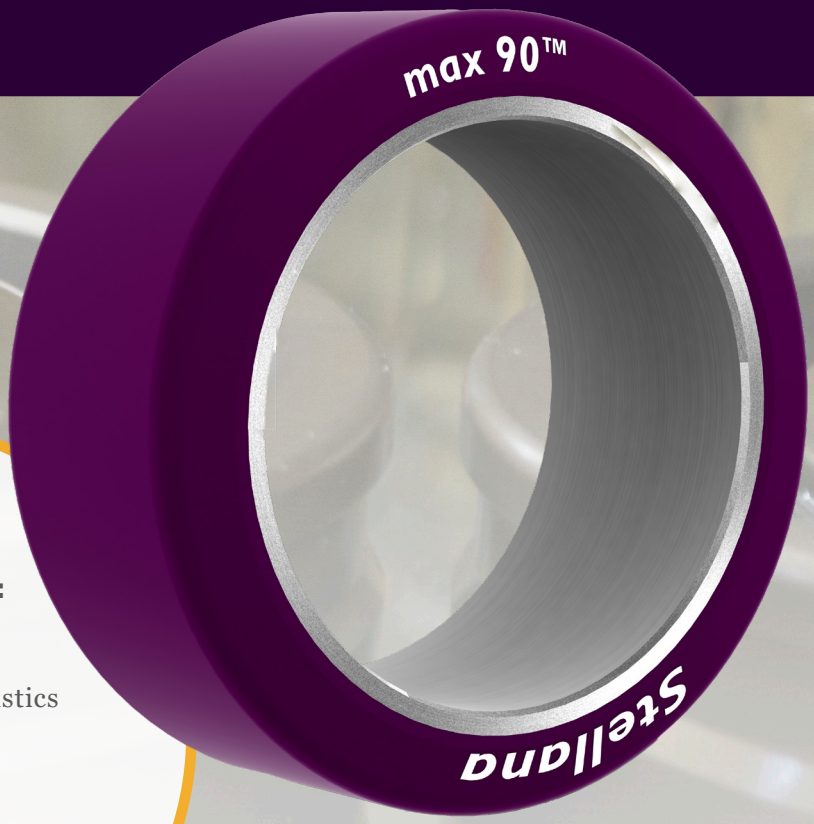
max90™

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

Stellana
A HEXPOL COMPANY

STELLANA.COM | INFO@STELLANA.COM

max90

max90™ is a 90 shore A polyurethane

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.

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

Applications Include

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

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

Performance Attributes

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

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.

February 2025

STELLANA.COM | INFO@STELLANA.COM
999 Wells St, Lake Geneva, WI 53147
(888) 734-7687

Stellana
A HEXPOL COMPANY