

PRODUCT INFORMATION

POLYURETHANE WHEELS

NOVATECH & ULTRATECH

 100 - 12.000 kg  50 - 700 mm



TENTE

BETTER MOBILITY. BETTER LIFE.

PREMIUM POLYURETHANE FOR YOUR APPLICATIONS NOVATECH & ULTRATECH

Developed for your toughest requirements in direct accordance with the market. Novatech, the standard quality, already impresses with its high abrasion resistance during extreme conditions. Ultratech plus, our new developed high performance material, excels in fast acceleration and deceleration. This material performs exceptionally well in benchmarks with standard premium polyurethane materials. All materials qualify for applications as drive, running and load wheels.



• **Novatech for standard applications**

Highly resilient classics with cast polyurethane coating. Wear-, tear- and cut-resistant material, non-marking and grease resistant. Available as antistatic or ESD conform version in different shore hardnesses. Our allrounder for industrial applications.



• **Ultratech for high speed and long distances**

Outstanding performance for industrial applications. Same material featured as our Novatech but offers lower rolling resistance for better mobility. Specially engineered for running straight distanced at high speed with high loads. Available in different shore hardnesses.



• **Ultratech plus is specially featured for intensive uses**

Optimized for high load, high speed, strong acceleration, deceleration, and frequent direction changes. It offers better performances than all other polyurethane quality tested in laboratories or by end users and provides more efficiency and less maintenance. Special features: reduced heating during usage for a longer lifetime.



OUR CHALLENGE: SATISFY THE CUSTOMER REQUIREMENTS

For most special applications which incorporate our Ultratech wheels, we start the development based on the requirements of the customer. Thanks to our expertise, the best possible solution is proposed and implemented accordingly. We provide technical support with a team of experts, made up of experienced designers, test engineers, and chemists in order to create the perfect solution and to meet the requirements of the customer.

Many parameters can be set up and adjusted in order to get the best possible solution: friction, compression, dimensions, hardness, rebound resilience, antistatic options, or hydrolysis resistance can be involved in the development. This flexibility is the key to provide the best possible final product in a cost-effective way.



„What convinced us was the durability of the special-purpose castors – and the know-how of our business partners at TENTE

Maarten Van Looveren General Manager at AVT Europe

Read more about the reference:

www.tente.com/avt-europe

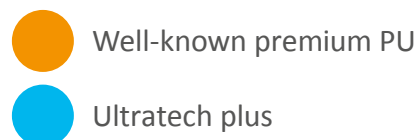
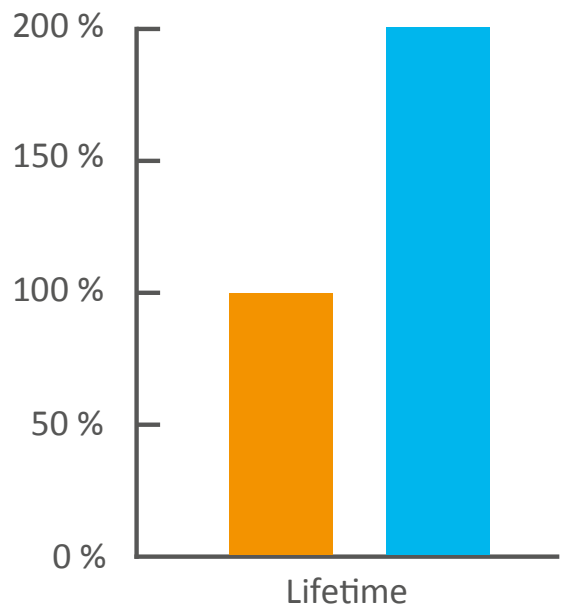
ULTRATECH ELASTOMERS ADVANTAGES

Worn or unsuitable wheels impact working conditions and productivity. Therefore, it is essential to choose high-performance equipment!

Our premium polyurethane Ultratech plus is the ideal material to prevent any downtimes in your logistics department. Materials and processes are designed to support extremely high speeds and exceedingly high loads. Thanks to the Ultratech plus material and its wear-resistance as well as its long stability, we can ensure a long lifetime on your devices. The stability of this material ensures a safe service. It will reduce the maintenance costs dramatically and it will improve global efficiency. This elastomer has an excellent heat build-up resistance, which is beneficial in extreme conditions: strong acceleration or deceleration, high speed, high load, 24/7-time use.

In other words, our Ultratech plus wheels require a maintenance minimum and provide a performance maximum!

Lifetime Benchmark



YOUR BENEFITS

- Increased efficiency
- Improved availability
- Individual product development
- Lower maintenance costs
- Reduction of downtime
- 24/7 use

SMART SOLUTIONS FOR THE INDUSTRY 4.0 IMPLEMENTATION

The Industry 4.0 is an industrial revolution which is well known by us. The industrial market is searching for smart and efficient solutions in order to reduce production costs as well as to prevent any downtime. Together with our customer, we provide smart solution which will fit to the demands of the market. For this we propose a holistic customer support.

One of the main branches of our experience is the logistics market. This market is exploding due to its new consumption model. Our Novatech and Ultratech wheels have been implemented on automated guided vehicles (AGV), driverless transport systems, or automated warehouse systems for years. The results are remarkable.

The customers have been impressed by the efficiency of our products and the added value provided by our technical solutions. In comparison to well-known polyurethanes, our Ultratech plus was considered the best solution in many cases by our customers!



YOUR SOLUTION EXPERT

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BETTER MOBILITY. BETTER LIFE.

There are some significant terms which are closely associated with the word 'mobility': progress, movement, flexibility and drive. They all shape our modern lives and are essential for success and development. It is for exactly this reason that we at TENTE work on driving mobility forward every day. With our trailblazing castors and wheels, with uncompromising standards of quality and above all, with a clear brand promise: Better Mobility. Better Life.

We at TENTE have been developing smart mobility solutions since 1923. Solutions which noticeably improve people's lives and their working environment. Solutions which increase productivity, ensure more safety and open up new horizons in matters of design, durability as well as environmental friendliness. By doing this, we enjoy our customer's confidence in our high quality product and innovative spirit, as well as our ability to provide close customer support on all five continents.



Sustainability is very important to all of us

In some cases used rims of load and drive wheels of AGVs and stacker cranes can be reused again. Therefore, we are happy to coat your rims with fresh polyurethane. Please do not hesitate to contact us. Save money and protect the environment.