

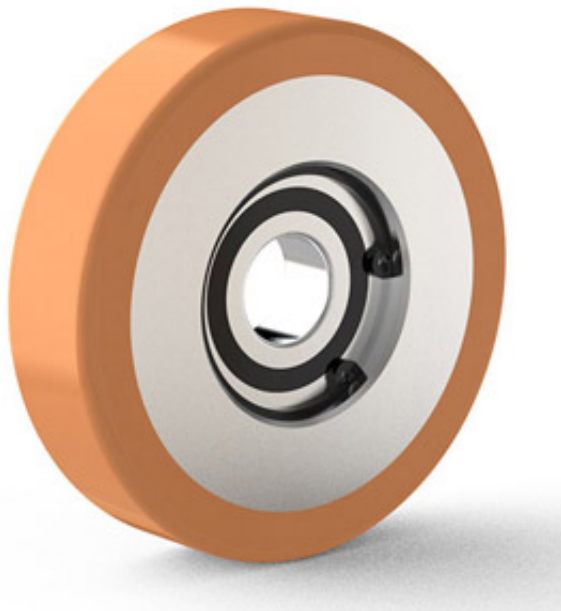
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# Custom Polyurethane Tread Guide Wheels

Title	Custom Polyurethane Tread Guide Wheels
Thumb	
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## Description

High performance polyurethane tread guide wheels are precision manufactured to provide long life, eliminate metal on metal friction and protect expensive track links from wear and



Whether you are designing automated material handling systems (stacker cranes), automation bonding and high abrasion resistance.

### Key Technical Features

**Vibration & Noise Dampening:** Compared to steel guide wheels, polyurethane treads absorb shocks, offering whisper-quiet operations.

**Floor & Rail Track Protection:** Non-marking, elastic treads prevent scratching on epoxy floors and rail guide rails.

**Zero Delamination (PU to Metal Bonding):** Advanced chemical bonding ensures the PU tread never peels off from the steel hub, even under high-speed cornering forces.

**Oil, Grease, and Chemical Resistance:** Highly stable in industrial grease and wash-down factory environments.

### Common Industrial Applications

**Automated Guided Vehicles (AGVs) & Shuttles:** Lateral stabilizing guide rollers.

**Stacker Cranes & Monorails:** High-speed vertical mast guidance.

**Material Handling Conveyor Sorting Lines:** Directional belt tracking and pallet rollers.

### Contact Philson for Custom Polyurethane Guide Wheels

As a leading manufacturer of high-quality, reinforced polyurethane solutions, Philson addresses manufacturing needs. Contact our engineering team today for technical drawings and manufacturing quotes.