

PANTHER[®] SYNCHRONOUS BELT

High Torque RPP[®] Synchronous Drive Belt



Engineered to improve performance and drive life while reducing maintenance and downtime.

Panther belts are made with Ultra-Cord[®] to deliver strength and dimensional stability. Uniquely engineered teeth are made of an advanced polymer compound which increases both the strength and abrasion resistance of the teeth. Panther belts provide maintenance free and efficient power transmission in a compact drive package.

- High performance advanced polymer compound
- Graphite impregnated fabric facing for improved wear resistance
- Optimized cord for high torque loading
- Highly engineered belt teeth
- Energy efficient

PANTHER.

PANTHER® SYNCHRONOUS BELT

Performance Driven. Performance Proven.



Panther® belts are designed to improve performance and drive life while reducing maintenance and downtime. The energy efficient Panther belt offers higher torque capacity than the Synchro-Cog® HT belt and conventional synchronous belts.

Strong:

- Designed with Ultra-Cord to deliver strength and dimensional stability

Resilient:

- Uniquely engineered teeth are made of an advanced polymer compound which increases both the strength and abrasion resistance of the teeth

Energy Efficient:

- Panther belts perform at 98-99% operating efficiency for reduced energy consumption

Panther Power:

- Panther belts offers higher power ratings than conventional rubber synchronous belts

Applications:

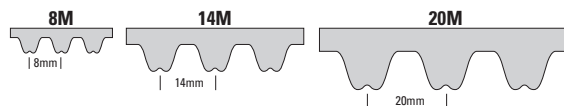
- Conveyors
- Blowers
- Packaging Equipment
- Machine Tools
- Industrial Machinery and More

Sizes:

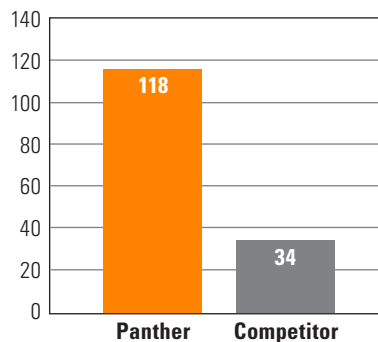
- Available in 8, 14, and 20mm sizes.
- Superior performance in RPP® HTS®, PowerGrip®, HTD®, GT®2, and Hawk Pd® sprockets*

- 1 Ultra-Cord Tensile Member**
 - High strength
 - Dimensional stability
- 2 Nylon Tooth Facing**
 - Graphite-loaded
 - Self-lubricating
 - Wear resistant
- 3 RPP Profile**
 - Greater transfer of power
 - Jump and shear resistant
 - Quiet
- 4 Rubber Backing**
 - Precision ground
 - Smooth operation with backside idler
- 5 Advanced Polymer Compound**
 - Excellent performance
 - Long belt life

Recommended Sprockets:
HTS® sprockets (8M, 14M, 20M)

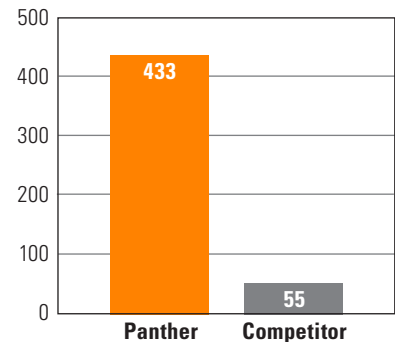


Accelerated 8M Belt Life Test



High Torque, High Tension, 3000 rpm
Average hours in PGGT2 sprockets

Accelerated 14M Belt Life Test



High Torque, High Tension, 1800 rpm
Average hours in PGGT2 sprockets

* Hawk Pd® is a registered trademark of ContiTech AG or its affiliates. HTS® is a registered trademark of Martin Sprocket & Gear, Inc. PowerGrip®, GT®, and HTD® are registered trademarks of Gates Corporation or its affiliates. PGGT2 = PowerGrip® GT®2



Timken® belts are part of The Timken Company's growing portfolio of engineered bearings and power transmission products. Timken Belts manufactures premium-performance power transmission belts that help keep industry in motion and the world more productive.