



DRIVEN BY POSSIBILITY™

POWER TRANSMISSION:

V-BELTS FOR EVERY APPLICATION

OPTIMIZE YOUR OPERATION

Gates manufactures a comprehensive line of v-belts, with a solution for every application. Our catalog of products offers high performance and extensive range.

We offer complete belt drive system solutions, including belts, sheaves, and service. Gates is more than a parts manufacturer - we're a partner in optimizing your operation.

Gates has over a century of experience developing and manufacturing power transmission components. We invented the v-belt in 1917 and have been improving belt technology ever since.



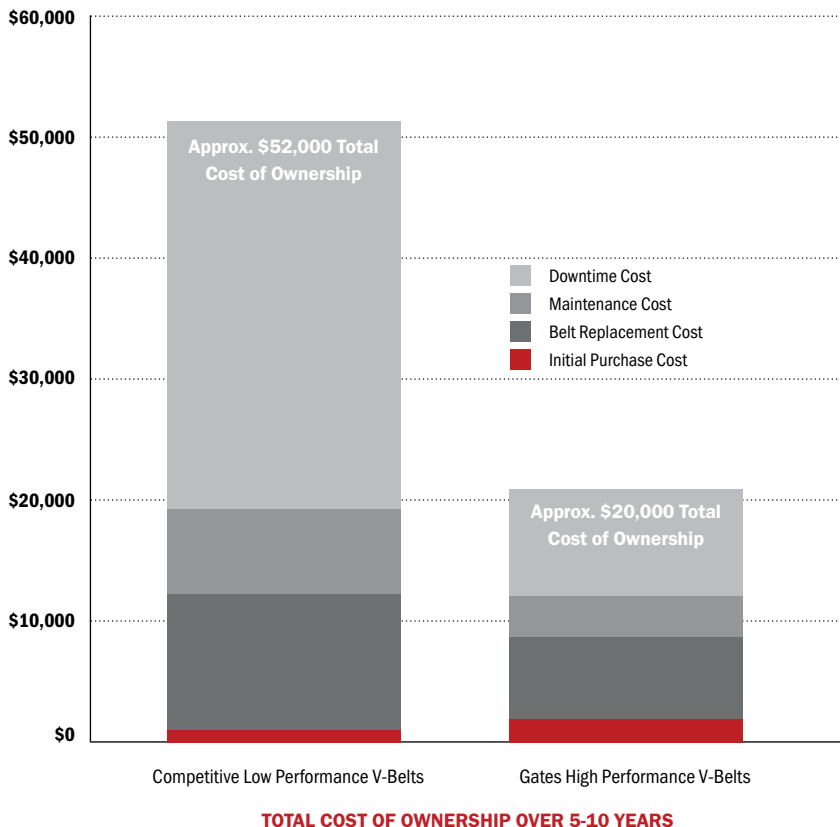
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THE HIGH COST OF LOW PERFORMANCE

V-belts are essential power transmission components in industrial applications throughout the world. Excessive belt slippage, stretching, and wear can result in big problems for facilities - with disproportionate resources spent re-tensioning, maintaining, and replacing under performing belts.

Spending less money upfront with less expensive v-belts may seem like an effective cost saving measure, until you take into account the hidden costs associated with choosing lower-performing belts.

Gates v-belts are designed to provide a lower cost of ownership over the life of the belt.



MAXIMIZE EFFICIENCY AND CUT COSTS

Materials science innovation allows Gates to offer a comprehensive range of v-belts for a wide range of demanding conditions. Our belts are designed to improve reliability and durability, while maximizing efficiency and performance.

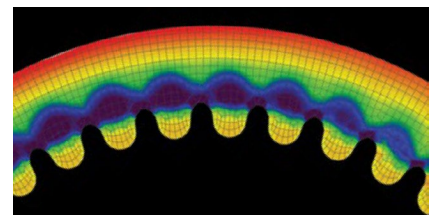
Expanded Belt Temperature Range with Gates Ethylene

High temperatures can dramatically degrade the lifespan of a v-belt. Gates belts use a patented ethylene construction with an extended temperature range to resist cracking. This material meets ARPM/RMA standards for oil and heat resistance, as well as static conductivity.



Molded Notch Advantages

Molded notch v-belts dissipate heat better than standard v-belts and are a drop-in replacement, for an easy drive upgrade. The notched design is engineered to withstand maximum bending stress, while increasing flexibility for improved energy efficiency. Molded notch belts are optimized for loaded durability that provides smooth, stable operation.



Flexibility

Gates belts are twice as flexible as competitive low-performance belts, which leads to longer belt life on small diameter sheaves.



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CRITICAL APPLICATIONS DEMAND PREMIUM PARTS

Gates v-belts are designed to minimize stretch - and the frequency of re-tensioning! Both Tri-Power and Super HC Molded Notch v-belts are designed with raw edges, which can save end users up to 2% on energy costs, when compared to wrapped v-belts.

An Ethylene Elastomer construction ensures efficient operation at high ambient temperatures, while a raw machined belt edge provides even sheave groove contact, resulting in smoother running and less slip and wear. Flex-bonded cords are forged to the belt body, providing a 15% capacity increase over wrapped belts and resulting in equal load distribution and absorption of bending stress without cord deterioration. Both belts meet IP-3-3 static conductivity requirements.



HIGH EFFICIENCY V-BELTS FOR HVAC SYSTEMS

High use and extreme ambient temperatures take a toll on the belt drives in your HVAC systems. Gates offers v-belts designed to withstand these demanding conditions, while minimizing maintenance needs and increasing energy efficiency.



TRI-POWER® MOLDED NOTCH V-BELT

A molded notch v-belt designed for classical cross-section drives.



SUPER HC® MOLDED NOTCH V-BELT

A molded notch v-belt designed for narrow cross-section drives.



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EXPERT APPLICATION ENGINEERING SUPPORT

OUR GREATEST ACHIEVEMENT IS YOUR SUCCESS

At Gates, we are committed to helping our customers find solutions that increase safety, decrease downtime, and add profit back to their bottom line. **That's why we offer complimentary engineering assistance.**

Our team of experts is dedicated to working with you to support your facility's optimal performance. Receive power transmission support over the phone, via email, or on-site at your operation.

Let our experts help you design new systems, troubleshoot existing challenges, and plan for the future, at no cost.

Contact us for a free consultation

1.303.744.5800

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SERVICES + SUPPORT

- Engineered belt drive design
- Drive analysis + troubleshooting
- On-site belt drive engineering services
- Product information + industrial part interchange assistance
- Downloadable belt drive design software
- Installation + preventive maintenance tools
- 2D + 3D model integration
- On + off-site training
- Custom metal solutions

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4/2023 | North America