

Gates Micro-V® or V-Ribbed Belts

Gates Micro-V® Belts outperform other V-ribbed belts because they are truncated (shorter). This shorter profile gives the new **Micro-V® Belts** increased flexibility, reduced heat buildup and allows them to operate at extra high speeds on smaller diameter sheaves.

Specially designed to replace original equipment belts on extra heavy applications such as machine tools, compressors, pumping equipment and other industrial equipment requiring V-ribbed belts.



Two more advantages of the truncated are:

1. The belt does not bottom in the sheave
2. The belt can better tolerate debris in the sheave groove. They are extremely smooth running and highly resistant to oil, heat and other adverse conditions.

Specially designed to replace original equipment belts on extra heavy applications such as machine tools, compressors, pumping equipment and other industrial equipment requiring V-ribbed belts.

- Exclusive Gates truncated belt design offers up to 80% higher horsepower capacity than Rubber Manufacturer's Association standards.
- Increased flexibility and reduced heat buildup permit extra high speeds on smaller diameter sheaves.
- Highly resistant to oil, heat and other adverse conditions.
- Less sensitive to debris in sheave groove.
- Meets or exceeds Rubber Manufacturer's Association standards for static conductivity.
- Energy efficient.
- Runs cooler than conventional belts.
- High power density.

[Micro-V® Belt Cross Section Selection Chart](#)



Gates Micro-V® Belt Offers Higher Horsepower, Flexibility

Gates Micro-V® belt features an exclusive truncated rib profile that makes it more flexible than a conventional V-ribbed belt, especially on extra-high speed, small-diameter sheave drives.

Also, the shortened rib profile keeps the multi-ribbed belt from bottoming out in sheaves, helps it tolerate debris in sheave grooves, and reduces heat build-up.

The belt is ideally suited for most multi-shaft, serpentine, backside idler and V-flat drives. Usages range from pumps to precision-center lathes to high-speed machine tools.

Gates Micro-V[®] belt is available in three cross-sections: J, L and M. All three have a smooth-running construction, strong, low-stretch polyester tensile reinforcement, and static-dissipating undercords. They are available in standard rib configurations and sizes, with lengths from 18 inches to 361 inches depending on the cross-section. Special sizes and constructions are available on request.