

Quad-Power® II

Quad-Power® II is Gates' top-of-the-range narrow section V-belt for heavy-duty industrial drives. It has been developed to replace traditional V-belts on applications where space and weight savings are critical: Quad-Power® II is the V belt with the highest power capacity, even on small pulley diameters. Improved resistance to outside bends allows the use of back idlers. The new optimized notch profile makes the belts run smoothly in the pulley grooves.

Identification Durable blue marking indicating type and dimensions.

Construction

- Raw edge construction, ground.
- Narrow cross-section.
- New, optimised notch profile reduces and evenly distributes thermal and bending stresses. Notch depth is in proportion to the cross-section to ensure perfect stability.
- Precision-ground sidewalls give a uniform wedging action.
- Fibre-loaded elastomeric compound withstands heat, ozone and sunlight.
- Flex-bonded polyester tensile cords are vulcanised as one solid unit, increasing the belt's resistance to tensile and flexing forces.
- Double Flex-Weave® textile backing protects the belt against wear — especially when back idlers are used.
- Cross-cords improve belt stability.
- Even with severe slippage, the belt will not catch fire from heat buildup.

Advantages

- The most powerful belt in Gates' industrial V-belt range.
- Excellent performance/cost ratio.
- Increased transmission efficiency as compared to other V-belt types.
- Cost and space savings.
- Maximum belt life reducing maintenance time.
- Match system: all sizes meet Gates UNISER tolerances.

IMPORTANT INFORMATION! Extensive testing has proven that, compared to the former Quad-Power generation, Gates Quad-Power® II V-belt offers up to 15% higher power rating values, ensuring the same service life.