AIRCRAFT POLICY

WARNING! BE SAFE! Do not use Gates belts, pulleys or sprockets on aircraft propeller or rotor drive systems
or in-flight accessory drives. Gates products are not designed or intended for aircraft use.

Dimensions

Gates reserves the right to make changes in design or dimensions of standard products to improve their quality or to accommodate
improved manufacturing techniques. All dimensions in this catalog are for reference only.

Weights

All weights are close approximations and may vary slightly from actual weights.

Ordering Terminology

Customer Pack — "Customer pack" quantities are listed for Super HC®, Super HC Molded Notch, Hi-Power® II, Tri-Power®, Power Cable®, Truflex®, and PoweRated® belts. These quantities are 5 or 1. Products with a customer pack of 1 are inventoried in bulk; these products are not individually boxed.
NOTE: Customer pack quantities are not available for synchronous belts.
Made-To-Order (MTO) Belt and Metal Products — MTO products require production lead time and minimum production quantities. Lead times vary from 5 to 10 weeks. Check with Customer Service for details.
NOTE: Synchronous product minimum order is 1, unless otherwise noted.
PBL — "Private Brand Label" of Gates standard line belts. Available upon customer request. PBL products are made-to-order and may require additional lead times and cost.
Standard/Non-Stock Belt Products — These products do not require minimum production quantities but may require production lead time. Check with Customer Service for details.
Standard/Non-Stock Metal Products — These products do not require minimum production quantities but may require production lead time. Check with Customer Service for details.
Stock Belt Products — Products in this Catalog are stock unless otherwise noted. Shipment of stock products is 3 working days after receipt of order.

Belt Products Terminology

Aramid Tensile Members — Available in several stock lines and on an MTO basis. They are also referred to as Kevlar* or Flexten**.
Arched Top — Construction feature which provides superior strength to prevent distortion of the tensile section.
Banded Belts — Belts with a fabric cover over the belt body. They are also referred to as wrapped or covered belts.
Bandless Belts — Belts with no fabric cover. They are also referred to as cut edge, raw edge or machined edge.
Bareback Belts — Belts manufactured without rubber material being applied to the outside surface of the banded belt. They are also known as low friction, dry cover or clutching cover.
Belt Body — The main part of any belt that generally surrounds, supports and protects the load-carrying tensile cords.
Compounds — Mixtures of rubber, plastics and other materials which are used to form the body of the belt.

Concave Sides (U.S. Patent 1813698) — Construction which allows belt to make uniform contact with sheave groove, thus distributing wear uniformly.
Datum Diameter —A system which defines specific sheave and belt dimensions, previously known as the pitch system (diameter or length) for classical belts and sheaves.
Flex-Bonded Cords — Strong chemical bond between rubber body and tensile cord. Allows for absorption of bending stress and long service life. Avoids premature failure due to cord separation.
Flex-Weave® Cover — Patented nylon and cotton blended fabric construction which increases flexibility and reduces cover stress providing longer cover life and longer protection of belt core.
Gates Curves — Belts with this feature compensate for effects that occur when a v-belt bends in a sheave. Curved belts feature concave sides, radius relief and arched tops.

* Kevlar is a registered trademark of the DuPont Corporation.
**Flexten is a registered trademark of Goodyear.
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