

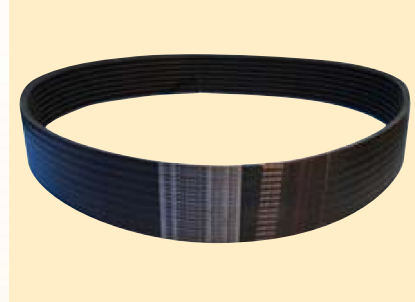


HEAVY-DUTY V-BELTS

PREDATOR®

Wrapped, narrow section multiple V-belt

Gates Predator® V-belts are the markets' leading V-belts. Unique in their extreme robustness and high load carrying capability they are unrivalled. They are excellent problem solvers that perform well in harsh environments and in extremely demanding applications where standard V-belts have performance issues. The Predator® belt difference is in the construction: they have the highest power density of any V-belt and virtually zero stretch because of the use of high strength, high modulus aramid tensile cords. They are available as PowerBand® belts in SPBP, SPCP, 9JP, 15JP and 8VP sections and as single belts in AP, BP, CP, SPBP, SPCP and 8VP sections.



Identification

Durable silver marking indicating type and dimensions.

Construction

- Aramid tensile cords provide extraordinary strength, durability and virtually zero stretch.
- Double fabric cover offers extreme abrasion and wear resistance.
- Specially treated extra tough cover withstands slip and shear forces at peak loads without generating excessive heat and resists penetration by foreign materials.
- Chloroprene rubber compounds provide superb oil and heat resistance.
- Non-rubber surfaced cover allows momentary slippage due to excessive overloads without damaging the belt.

Advantages

- At least 40% higher power ratings than standard construction V-belts.
- No need for constant belt re-tensioning.
- Less maintenance, less downtime.
- Excellent problem solver.
- Available in PowerBand® and single belt construction:
 - PowerBand® belts feature a multiple layer tie band that provides excellent lateral rigidity to prevent belts from turning over or from coming off the drive.
 - Single belts can be used for applications where PowerBand® belts are not an option. Predator® single belts are available on demand in lengths over 1400 mm.
- Predator® PowerBand® belts are **static conductive (ISO 1813)** (except for 8VP) and can as such be used in the conditions described in the Directive 94/9/EC - ATEX; for detailed info on the static conductivity of Predator® single belts, please contact your Gates representative.

Sections and nominal dimensions



	Pitch mm	Width mm	Height mm
SPBP	19.0	16	13
SPCP	25.5	22	18
9JP	10.3	10	8
15JP	17.5	16	13
8VP	28.6	26	23

Available number of ribs		
SPBP	2 →	16
SPCP	2 →	12
9JP	2 →	30
15JP	2 →	16
8VP	3 →	5