# 11 HI-POWER DUBL-V

WRAPPED CLASSICAL SECTION DOUBLE SIDED V-BELT

**Gates' Hi-Power Dubl-V belt is characterised by a double-V profile. It uses flex-bonded tensile cords, which are highly resistant to flexing forces, and a protective Flex-Weave cover. It is the ideal solution for "serpentine" drives (drives with counter rotating shafts) where power is transmitted from both the top and the bottom of the belts. This belt is designed with a unique recessed top and bottom to maintain sidewall contact, while remaining flexible for drives that require power transmission from both sides of the belt. Suitable for all industrial serpentine applications requiring rotation reversal on some driven shafts.**

## CONSTRUCTION

- Gates curves provide proper cord support and full contact with the sheave-groove for uniform loading, uniform wear, and increased belt life.
- Flex-Bonded cords are strongly bonded to the body of the belt resulting in equal load distribution and the absorption of bending stress without cord deterioration.
- The Flex-Weave cover is a patented construction for longer cover life, providing extended protection to the core of the belt from oil, dirt, and heat.
- Classical cross-section.

## BENEFITS

- Power transmission from both sides of the belt.
- Premium performance.
- Suitable for dirty/dusty environments.
- Static conductive (ISO 1813) and can as such be used in the conditions described in the Directive 2014/34/EU- ATEX.
- **Match** system: all sizes meet Gates **UNISET** tolerances, they can be installed without matching. (Hi-Power Dubl-V DD not included in UNISET tolerances).
- Temperature range: -30°C to +60°C.

**ORDERING CODE**

**AA51**
**AA** - Section (double)
**51** - Inside length (inch)
**NOTE:** For correct design and tensioning of the belt please consult with our application engineering team.

**PLEASE REFER TO P. 146 FOR SIZE LIST - ONLINE**

**SECTIONS AND NOMINAL DIMENSIONS**

| Section | Width (mm) | Height (mm) | Length range (effective length - mm) |
|---|---|---|---|
| AA | 13 | 10 | 1350 – 3290 |
| BB | 17 | 14 | 940 – 7635 |
| CC | 22 | 18 | 1980 – 10690 |
| DD | 32 | 25 | 7000 - 9160 |