

## 09 QUAD-POWER 4 POWERBAND

HEAVY DUTY RAW EDGE, MOULDED NOTCH, NARROW SECTION, JOINED V-BELT

Gates PowerBand belts are engineered for drives that are subject to pulsating loads, shock loads or extreme vibrations. By joining several Quad-Power 4 V-belts together the Quad-Power 4 PowerBand offers a maintenance-free solution for drives where single belts vibrate, turn over or jump off the sprockets. It comes with all of the advantages of the single belt: this SERVICE FREE EPDM belts are designed to extend product life time eliminating costly downtime for re-tensioning, repair and replacement. Furthermore these belts offer a broad temperature operating range.

### CONSTRUCTION

- Minimal-elongation polyester tensile cords allow for stable tension over the entire lifetime.
- PowerBand construction is built as one solid unit, controlling the belt-to-belt distance and preventing sideways bending. This provides excellent resistance against vibrations and shock loads.
- Flat back construction reduces noise when used with a back side idler or tensioner.
- EPDM rubber compound to ensure a long service life and a wear-resistant belt under extreme temperatures.

### BENEFITS

- Service-free PowerBand V-belt with high stability on the toughest drives.
- Halogen-free belt.
- Perfect fit on standard ISO/DIN (for XPZ/XPA/XPB) or RMA (for 3VX/5VX) V-sprockets.
- Manufactured to DIN7753, ISO4184, RMA IP-22.
- Savings in drive space and weight thanks to high transmission efficiency.
- High stability and smooth running on the toughest drives.
- Important design economies possible.
- Static conductive (ISO 1813) and can as such be used in the conditions described in the Directive 2014/34/EU- ATEX.
- RoHS 2 and REACH compliant.
- Match** system: all sizes meet Gates **UNISET** tolerances, they can be installed without matching.
- Temperature range: -50 °C to +130 °C.

#### ORDERING CODE

**XPB2500/2**

**XPB - Section**

**2500** - Datum length (mm)

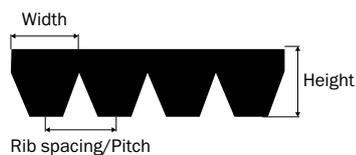
**2** - Number of ribs

**NOTE:** For correct design and tensioning of the belt please use Gates Design Power software, available on [www.gates.com](http://www.gates.com)

**PLEASE REFER TO P. 132 FOR SIZE LIST.**

#### SECTIONS AND NOMINAL DIMENSIONS

Section	Standard numbers of ribs				Rib spacing/ Pitch (mm)	Width (mm)	Height (mm)	Length range (datum length - mm)
	2	3	4	5				
XPZ	x	x	x		12.0	10	8	800 - 3550
XPA	x	x			15.0	13	10	800 - 4000
XPB	x	x			19.0	16	13	1250 - 4750
3VX*	x	x	x	x	10.3	10	8	635 - 3555 effective length - mm
5VX*	x	x	x	x	17.5	16	13	1270 - 5080 effective length - mm



\*3VX and 5VX are Super HC MN PowerBands. They are not compatible with XPZ and XPB multi strand pulleys. Spacing between strands is different.