



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

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

Width
Height
Rib spacing/Pitch

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

