

POLY V RIBBED BELTS (COLORFUL PK BELTS)

V-ribbed belts can be circular rubber belts with a flat belt as its base and a longitudinal 40° trapezoidal wedge on its inner surface, and major working part depends on the side of wedge. The thin and light belt body structure create good Flexibility. The working stress is small, which suits for the transmission with small diameter of pulley and can also drive multiple wheels.



Construction	Functions	Materials
1-Top fabric	Protect internal tension member	Cotton/ Synthetic fabric
2-Tension member	Primary material for transferring power	Polyester/Nylon
3-Adhesion rubber	Support and protect adhesiveness of tension member	CR, EPDM
4-Compression rubber	Maintains belt shape and enhances	CR,EPDM

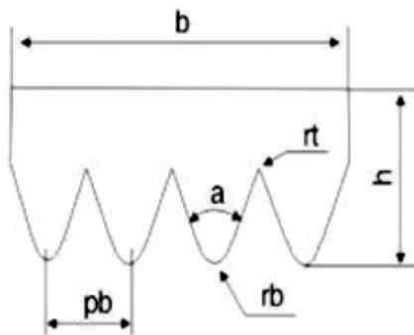
Features

- High power transmission under operational conditions of high speed rotation, reverse bending and a small diameter pulley
- Enhance power transmission efficiency by reducing slip during operation
- Maintain consistent tension during operation for cords of high modulus and low shrinkage
- Suitable for high-speed transmission, the belt speed can reach 40m/s with small vibration.

- Excellent resistance to heat, oil & wear to keep longer lifetime.
- The contact area and friction force between belt and pulley are larger, and the load distribution along the bandwidth is uniform, thus the transmission powerful is 30% higher than normal V-belt when the space is the same.
- Effective energy-saving

Categories: PH, PJ, PK, PL & PM

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