



Polyurethane timing belts, manufactured in state-of-the-art production processes, are made of abrasion-resistant polyurethane and high-strength steel tension cords, aramid cords or special high flexible HF steel or VA cords.

The combination of these materials forms the basis for the myriad applications in synchronous power transmission and for transport, conveying and positioning applications. In view of the large number of possible tooth shapes, materials and production methods, polyurethane timing belts exhibit superior mechanical, chemical and physical properties.

Polyurethane timing belts ensure an even distribution of load during power transmission and the transmission of high torque, they have high load capacity, are flexible and, moreover, stand out because of their high longitudinal stiffness and thermal stability.



Polyurethane timing belts are produced in open lengths or welded endless, as sleeve or endless flex belts in almost all lengths and widths.



Open-ended **polyurethane timing belts** offer very high flexibility for synchronous conveying and positioning applications; and, due to the large selection of tooth shapes, innumerable application possibilities.

Polyurethane timing belts "V" welded endless

Welded endless timing belts are available in any length. They are primarily used in conveying applications.



Polyurethane timing belts "M" in open lengths

Open length timing belts are primarily used in linear applications.

All polyurethane timing belts can be finished with many different coatings and/or profile cleats for special conveying applications.



Polyurethane molded timing belts (sleeves) are cast in special molds. This ensures very high pitch accuracy along the entire length of the belt, making them particularly suitable for quiet running and high speeds.



Polyurethane timing belts "Flex" are extruded with endless wound cords. For this purpose, the cords are helically spooled. In view of their high power transmission capacity, these timing belts can be used for all types of power transmission as well as many different kinds of synchronous conveying and positioning applications.

min./max. length 720 - 15 000 mm (width 100 mm)
min./max. length 900 - 22 700 mm (width 150 mm)



Polyurethane wide timing belts are welded endless in widths up to 900 mm. These timing belts were developed especially for synchronous conveying applications. They can be used for many applications because of the large production widths as well as their excellent mechanical and chemical properties. Special materials such as, for example, PU or nylon coatings that are suitable for foodstuffs, can be used on the tooth and back side, too.



Self-tracking polyurethane timing belts

The V-guide either is integrated in the timing belt during production or welded onto the belt later. These timing belts exhibit the same properties as standard timing belts. In addition, axial movements are prevented. Keiper self-tracking PU timing belts are available as endless welded belting and cut goods, in almost any length and width.



easy drive® track timing belts

are produced with a groove in the tooth profile and, hence, engage with a guide ring in the pulley, which leads to very high directional stability and prevents axial run-off and dislocation on the pulley. Can be used with all pitches! Preferred use: Conveying and positioning applications, where axial movements are a problem and flanged pulleys cannot be used.