



Single End Cord for Automotive and Industrial Belts

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Synchronizing durability

Today, belts in both the automotive and the industrial/agricultural sectors are being required to transmit ever higher forces. More and more aggregates are being driven by single belts, so to extend their lifetimes, belt components need to have high resistance to fatigue. In addition, in the automotive industry, belts are increasingly replacing metal chains as part of the drive to reduce CO₂ emissions.

SKS offers a range of high-tech cords that allow belt manufacturers to meet these new demands and develop their products accordingly. Further SKS' product portfolio obtains newly developed water-based ECO friendly stiff dipped cords for so-called open-edge belts.

TRANSMISSION OF HIGHER FORCES

HIGH RESISTANCE TO FATIGUE

EXTENDED LIFETIME

REDUCED CO₂ EMISSIONS

Polyester (PET):

- Excellent breaking tenacity with medium elongation and low shrinkage for high flexibility and extended lifetime
- Available as twisted and RFL-dipped cord for excellent adhesion, in a wide variety of tailor-made plied constructions
- Soft-dipped as well as ECO friendly stiff-dipped for improved fray resistance
- Application: Automotive poly-V belts and Industrial General Purpose Belts

ARAMID:

- High breaking tenacity with low elongation and creep for excellent power transmission
- High flexibility and dimensional stability, and good chemical and heat resistance
- Available as twisted and RFL-dipped cord for excellent adhesion, in a wide variety of tailor-made plied constructions
- Soft-dipped as well as ECO friendly stiff-dipped for improved fray resistance
- Application: Heavy Duty Industrial Power Transmission Belts

POLYAMIDE (PA66):

- Excellent breaking tenacity with medium to high elongation for extended flexibility
- Available as twisted and RFL-dipped cord for excellent adhesion, in a wide variety of tailor-made plied constructions
- Soft-dipped as well as ECO friendly stiff-dipped for improved fray resistance
- Application: Automotive and Industrial Belts

All RFL-dipped cords have excellent properties of adhesion to commonly used rubber compounds, like EPDM, NR, SBR, CR and (H-)NBR. Cords can also be tailored to optimize adhesion to customer-specific rubber compounds.



Global Supplier of High Performance Yarns & Cord