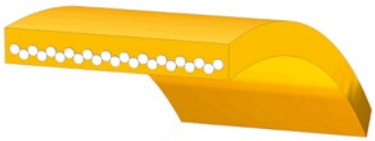
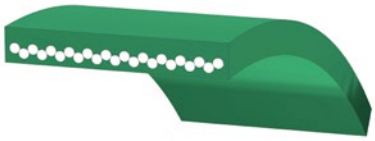
ENDLESS BELTS – ENDLESS POSSIBILITIES



SCOPE OF APPLICATION: Winding of paper and cardboard tubes

FABRIC: Customised selection of the type of fabric and quality. All fabrics are produced endless and connectionless with woven edges using a special production process.



Type of fabric: Polyester
Tear resistance: 2-3 mm belt thickness
= 125 kg / cm belt width
Tear resistance: 4-5 mm belt thickness
= 250 kg / cm belt width
Tear resistance: 8 < mm belt thickness
= 375 kg / cm belt width

Type of fabric: Aramid (Kevlar©)
Tear resistance: Aramid
= 500 kg / cm belt width

The fabric quality can be individually adjusted for higher demands.

Features:

- Endless and connectionless
- Woven edges (no fraying)
- Customised manufacture
- No breaking points
- Homogeneous running behaviour
- Very high flexibility
- Suitable for small roller diameter
- No thickening or adhesive points
- High heat resistance
- Non-directional

COATING:

Application-based selection of the coating material. An innovative coating process, without the use of additional binding agent, guarantees a homogeneous and connectionless coating.

Coating: PVC

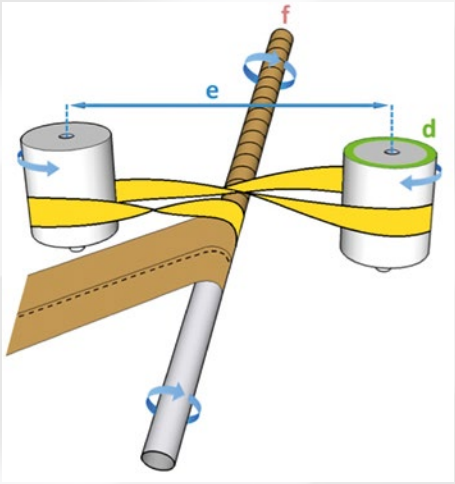
- Hardness grade 35-90 Shore-A available
- Customised additional constructions
- Infinite combination options of various Shore hardness values
- High abrasion resistance
- Excellent grip properties
- Suitable for small roller diameter
- Temperature resistance -10°C / + 80°C
- Homogenous coating throughout
- No thickening or adhesive points → No breaking points
- Non-directional
- High flexibility
- Resistant against most adhesives, oils and greases

CALCULATION OF A BASIC BELT:

Calculation of the belt length: (2 x e) + d + f

Calculation of the belt width: **the belt should be 5-7 mm narrower than the final paper web**

(Example.: final paper web 125 mm → belt width 120 mm)



e = average distance between axles; d = circumference of the drum; f = circumference of the tube