



Cord and Yarns

The quality of a V-belt (or as they are known today, V-ribbed belts) depends entirely on the textile reinforcement of the rubber material. If it is not reinforced a flat rubber belt would have excessive elongation properties and would have virtually no mechanical load-bearing capacity. MEP-OLBO supplies the high-quality reinforcements that product manufacturers need. The cord that is produced in line with the requirements from yarns with precisely defined properties renders a decisive contribution to the belts displaying the requisite strength and constant belt tension necessary for a good grip. This ensures an optimum transfer of power.

Roughly 80 percent of the textile materials that we produce for belt manufacturers are used in the automotive industry, e.g. in engines. Some 20 percent are

destined for use in other industrial sectors, including mechanical engineering. Other applications include domestic appliances (e.g. washing machines, tumble driers) and power tools.

When manufacturing the yarns required for V-ribbed belts, MEP-OLBO can draw on decades of experience. This is why we rank among the leading international manufacturers in this market segment. And we are the undisputed market leader as supplier to the automotive industry.

Constant further development of our products takes place in close cooperation with our customers. We manufacture both standard quality grades and custom grades in accordance with customer's specifications.

Proved and tested worldwide

The MEP-OLBO group has made their mark worldwide as an expert in the development and production of treated yarns and fabrics for technical rubber products. Our products are in great demand in the most diverse segments. They are the result of intensive-in-house research as well as developments together with our customers and suppliers. Innovative technology, a commitment to quality and continuous improvements guarantee the comprehensive performance of constantly increasing market requirements. Wherever rubber is processed into technical rubber products, MEP-OLBO textiles add the required strength to the final application. The product presented here is just one successful example of many others.

Technical Specifications

Cord for belts –

Automotive

Titre: from 4000 dtex to 14000 dtex

Raw Materials:

Polyester, Polyamids, Aramids, Carbon

Treating:

- RFL* soft to rigid/overcoat
- overcoat for CR, CSM, EPDM, HNBR, etc.

Cord for belts –

Industry

Titre: from 2500 dtex to 40000 dtex

Raw Materials:

Polyester, Polyamids, Aramids

Treating:

- RFL* soft and rigid
- Cement for CR, NR, NBR, VP, etc.

*RFL = Resorcinol Formaldehyde Latex

Yarns for hoses –

Automotive and Industry

Titre: from 1400 dtex to 9000 dtex

Raw Materials:

Polyamids, Polyester, Rayon, Aramids, Hybrids, Cotton

Treating: RFL*

Yarns and cords for tires –

Automotive

Titre: from 1400 dtex to 9000 dtex

Raw Materials:

Polyamids, Polyester, Rayon, Aramids, Hybrids, Cotton

Treating: RFL*

Yarns for airsprings –

Automotive

Titre: from 220 dtex to 2500 dtex

Raw Materials:

Polyester, Polyamids, Aramids, Hybrids

Treating:

RFL* with and without overcoats

Yarns and cords for special applications

Titre: from 200 dtex to 45000 dtex

Raw Materials: All textile fibres

Treating: Various

MEP-OLBO GMBH

Edelzeller Straße 44
36043 Fulda
Germany

T +49 (0)661 103-0
F +49 (0)661 103-666
E info@mep-olbo.de
www.mep-olbo.de



MEP-OLBO

A company of KAP Beteiligungs-AG