

# Toptrans. Transmission and process belts.

|                             | Sector   | Type              | Color       |               | Material     |                   | Thickness mm |               |
|-----------------------------|--|-------------------|-------------|---------------|--------------|-------------------|--------------|---------------|
|                             |  |                   | Top surface | Drive surface | Top surface  | Drive surface     | Top surface  | Drive surface |
| <b>Leather</b>              | <b>Transmission</b><br><small>DIRTY AND DUSTY APPLICATIONS</small> | LF 10             | Black 80    | Grey 80       | Nylon fabric | Leather           | 0,30         | 2,00          |
|                             |  | LF 14             | Black 80    | Grey 80       | Nylon fabric | Leather           | 0,30         | 2,00          |
|                             |  | LF 20             | Black 80    | Grey 80       | Nylon fabric | Leather           | 0,30         | 2,00          |
|                             |  | LF 25             | Black 80    | Grey 80       | Nylon fabric | Leather           | 0,30         | 2,00          |
|                             |  | LF 30             | Black 80    | Grey 80       | Nylon fabric | Leather           | 0,30         | 2,00          |
|                             |  | LF 40             | Black 80    | Grey 80       | Nylon fabric | Leather           | 0,30         | 2,00          |
|                             |  | LF 54             | Black 80    | Grey 80       | Nylon fabric | Leather           | 0,30         | 2,20          |
|                             |  | LF 80             | Black 80    | Grey 80       | Nylon fabric | Leather           | 0,30         | 2,20          |
|                             |  | LL 10             | Grey 80     | Grey 80       | Leather      | Leather           | 2,00         | 2,00          |
|                             |  | LL 14             | Grey 80     | Grey 80       | Leather      | Leather           | 2,00         | 2,00          |
|                             |  | LL 20             | Grey 80     | Grey 80       | Leather      | Leather           | 2,00         | 2,00          |
|                             |  | LL 25             | Grey 80     | Grey 80       | Leather      | Leather           | 2,00         | 2,00          |
|                             |  | LL 30             | Grey 80     | Grey 80       | Leather      | Leather           | 2,00         | 2,00          |
|                             |  | LL 40             | Grey 80     | Grey 80       | Leather      | Leather           | 2,00         | 2,00          |
|                             | Sector   | Type              | Color       |               | Material     |                   | Thickness mm |               |
|                             |  |                   | Top surface | Drive surface | Top surface  | Drive surface     | Top surface  | Drive surface |
| <b>Elastomer and Fabric</b> | <b>Graphic Sector</b>  | EE 04             | Green 83    | Green 83      | NBR          | NBR               | 0,60         | 0,60          |
|                             |  | EE 06             | Green 83    | Green 83      | NBR          | NBR               | 0,60         | 0,60          |
|                             |  | FE 06             | Green 83    | Black 80      | NBR          | Nylon fabric      | 0,50         | 0,35          |
|                             |  | FE 10             | Green 83    | Black 80      | NBR          | Nylon fabric      | 0,60         | 0,30          |
|                             |  | FF 06             | Green 81    | Green 81      | Nylon fabric | Nylon fabric      | 0,30         | 0,30          |
|                             |  | FF 10N            | Black 80    | Black 80      | Nylon fabric | Nylon fabric      | 0,30         | 0,30          |
|                             |  | FF 20N            | Black 80    | Black 80      | Nylon fabric | Nylon fabric      | 0,30         | 0,30          |
|                             |  | FE 10/2           | Green 83    | Black 80      | NBR          | Nylon fabric      | 1,20         | 0,30          |
|                             |  | FE 14/3           | Green 83    | Black 80      | NBR          | Nylon fabric      | 2,10         | 0,30          |
|                             |  | FE 14/4           | Green 83    | Black 80      | NBR          | Nylon fabric      | 2,70         | 0,30          |
|                             |  | EE 10/3           | Green 83    | Green 83      | NBR          | NBR               | 1,20         | 1,20          |
|                             |  | EE 10/4           | Green 83    | Green 83      | NBR          | NBR               | 1,70         | 1,70          |
|                             |  | EE 14/5           | Green 83    | Green 83      | NBR          | NBR               | 2,10         | 2,10          |
|                             |  | EE 14/6           | Green 83    | Green 83      | NBR          | NBR               | 2,70         | 2,70          |
|                             |  | <b>Tangential</b> | FC 04       | Natural 80    | Green 81     | Mixed fabric      | Nylon fabric | 0,30          |
|                             | FC 06  |                   | Natural 80  | Green 81      | Mixed fabric | Nylon fabric      | 0,30         | 0,30          |
|                             | FC 04H   |                   | Ocher 80    | Green 81      | Mixed fabric | Rubberized fabric | 0,30         | 0,35          |
|                             | EE 10  |                   | Green 83    | Green 83      | XNBR         | XNBR              | 0,70         | 0,70          |
|                             | EE 14  |                   | Green 83    | Green 83      | XNBR         | XNBR              | 0,70         | 0,70          |
|                             | EE 20  |                   | Green 83    | Green 83      | XNBR         | XNBR              | 0,70         | 0,70          |
|                             | EE 25  |                   | Green 83    | Green 83      | XNBR         | XNBR              | 0,70         | 0,70          |
|                             | EE 30  |                   | Green 83    | Green 83      | XNBR         | XNBR              | 0,70         | 0,70          |
|                             | <b>Transmission</b>  | EF 06             | Black 80    | Green 83      | Nylon fabric | NBR               | 0,35         | 0,50          |
|                             |  | EF 10             | Black 80    | Green 83      | Nylon fabric | NBR               | 0,30         | 0,70          |
|                             |  | EF 14             | Black 80    | Green 83      | Nylon fabric | NBR               | 0,30         | 0,70          |
|                             |  | EF 20             | Black 80    | Green 83      | Nylon fabric | XNBR              | 0,30         | 0,70          |
|                             |  | EF 25             | Black 80    | Black 81      | Nylon fabric | XNBR              | 0,30         | 0,70          |
|                             |  | EF 30             | Black 80    | Black 81      | Nylon fabric | XNBR              | 0,30         | 0,70          |
|                             |  | EF 40             | Black 80    | Black 81      | Nylon fabric | XNBR              | 0,30         | 0,70          |

NR: Natural rubber. NBR: Nitrile rubber. XNBR: Carboxylated nitrile rubber.



|  | Total weight<br>Kg/m <sup>2</sup> | Thickness<br>mm | Shaft load at 1% elongation<br>N/mm | Tensile strength<br>N/mm | Elongation at break<br>% | Minimum pulley ø<br>mm | Type    | Applications   |
|--|-----------------------------------|-----------------|-------------------------------------|--------------------------|--------------------------|------------------------|---------|--|
|  | 2,60                              | 2,80            | 10                                  | 225                      | 22                       | 40                     | LF 10   | Transmissions in two pulley drive systems in dirty and dusty environments              |
|  | 2,80                              | 3,00            | 14                                  | 315                      | 22                       | 60                     | LF 14   |  |
|  | 3,10                              | 3,30            | 20                                  | 450                      | 22                       | 90                     | LF 20   |  |
|  | 3,05                              | 3,55            | 25                                  | 560                      | 22                       | 120                    | LF 25   |  |
|  | 3,75                              | 3,80            | 30                                  | 625                      | 22                       | 200                    | LF 30   |  |
|  | 4,20                              | 4,30            | 40                                  | 900                      | 22                       | 280                    | LF 40   |  |
|  | 5,50                              | 5,25            | 54                                  | 1215                     | 22                       | 380                    | LF 54   |  |
|  | 6,90                              | 7,00            | 80                                  | 1800                     | 22                       | 560                    | LF 80   |  |
|  | 4,10                              | 4,50            | 10                                  | 225                      | 22                       | 40                     | LL 10   | Multi pulley drive transmission in dirty and dusty environments.                       |
|  | 4,40                              | 4,80            | 14                                  | 315                      | 22                       | 60                     | LL 14   |  |
|  | 4,60                              | 5,00            | 20                                  | 450                      | 22                       | 90                     | LL 20   |  |
|  | 4,25                              | 5,25            | 25                                  | 560                      | 22                       | 120                    | LL 25   |  |
|  | 5,00                              | 5,50            | 30                                  | 675                      | 22                       | 200                    | LL 30   |  |
|  | 5,50                              | 6,00            | 40                                  | 900                      | 22                       | 280                    | LL 40   |  |
|  |                                   |                 |                                     |                          |                          |                        |         |  |
|  | Total weight<br>Kg/m <sup>2</sup> | Thickness<br>mm | Shaft load at 1% elongation<br>N/mm | Tensile strength<br>N/mm | Elongation at break<br>% | Minimum pulley ø<br>mm | Type    | Applications   |
|  | 1,69                              | 1,40            | 4                                   | 90                       | 22                       | 20                     | EE 04   | Light transmissions, controller belts in cross cutters and feeders.                    |
|  | 1,90                              | 1,55            | 6                                   | 135                      | 22                       | 25                     | EE 06   |  |
|  | 1,30                              | 1,25            | 6                                   | 135                      | 22                       | 20                     | FE 06   | General use in paper folding, transferring, offset and rotary printing.                |
|  | 1,30                              | 1,25            | 6                                   | 135                      | 22                       | 20                     | FE 10   |  |
|  | 0,80                              | 0,95            | 6                                   | 135                      | 22                       | 20                     | FF 06   | Feeder belts in offset printing and PE bag machines.                                   |
|  | 0,95                              | 1,10            | 10                                  | 225                      | 22                       | 25                     | FF 10N  |  |
|  | 1,50                              | 1,60            | 20                                  | 450                      | 22                       | 70                     | FF 20N  | Process belts in applications where very high abrasion occurs in the carrying surface. |
|  | 2,20                              | 2,00            | 10                                  | 225                      | 22                       | 35                     | FE 10/2 |  |
|  | 3,55                              | 3,15            | 14                                  | 315                      | 22                       | 40                     | FE 14/3 |  |
|  | 4,30                              | 3,70            | 14                                  | 315                      | 22                       | 40                     | FE 14/4 |  |
|  | 3,20                              | 2,90            | 10                                  | 225                      | 22                       | 30                     | EE 10/3 | Box folding belts in folder-gluer machines.  |
|  | 4,70                              | 3,90            | 10                                  | 225                      | 22                       | 30                     | EE 10/4 |  |
|  | 5,90                              | 4,95            | 14                                  | 315                      | 22                       | 50                     | EE 14/5 |  |
|  | 7,40                              | 6,10            | 14                                  | 315                      | 22                       | 50                     | EE 14/6 |  |
|  | 0,65                              | 0,80            | 4                                   | 90                       | 22                       | 15                     | FC 04   | Spindle tapes in textile industry.   |
|  | 0,80                              | 0,95            | 6                                   | 135                      | 22                       | 20                     | FC 06   |  |
|  | 0,55                              | 0,65            | 3                                   | 70                       | 22                       | 15                     | FC 04H  |  |
|  | 2,25                              | 1,90            | 10                                  | 225                      | 22                       | 35                     | EE 10   | Tangential belts in textile industry. Transmission in multi pulley drives.             |
|  | 2,50                              | 2,10            | 14                                  | 315                      | 22                       | 60                     | EE 14   |  |
|  | 2,85                              | 2,40            | 20                                  | 450                      | 22                       | 70                     | EE 20   |  |
|  | 3,10                              | 2,65            | 25                                  | 560                      | 22                       | 100                    | EE 25   |  |
|  | 3,40                              | 2,90            | 30                                  | 675                      | 22                       | 120                    | EE 30   |  |
|  | 3,70                              | 3,15            | 33                                  | 740                      | 22                       | 140                    | EE 33   |  |
|  | 1,30                              | 1,25            | 6                                   | 135                      | 22                       | 25                     | EF 06   |  |
|  | 1,60                              | 1,50            | 10                                  | 225                      | 22                       | 30                     | EF 10   |  |
|  | 1,85                              | 1,70            | 14                                  | 315                      | 22                       | 50                     | EF 14   |  |
|  | 2,20                              | 2,00            | 20                                  | 450                      | 22                       | 70                     | EF 20   |  |
|  | 2,50                              | 2,25            | 25                                  | 560                      | 22                       | 90                     | EF 25   |  |
|  | 2,65                              | 2,50            | 30                                  | 675                      | 22                       | 130                    | EF 30   |  |
|  | 3,30                              | 3,00            | 40                                  | 900                      | 22                       | 280                    | EF 40   |  |

Manufacturing width: 500 mm

