

# Technical Datasheet

## Rubber-Elevatorbelts "OR"

Rubber-Elevatorbelts, oilresistant covers and intermediate rubber  
antistatic, impregnated cut edges

| Properties:                      | Standard: | Unit:             | 500/3  | 630/4  | 800/5  | 1000/5  |
|----------------------------------|-----------|-------------------|--------|--------|--------|---------|
| Carrier:                         | DIN 22102 |                   | EP 500 | EP 630 | EP 800 | EP 1000 |
| Thickness Cover A ca.            | DIN 22102 | mm                | 2      | 2      | 2      | 2       |
| Thickness Cover B ca.            | DIN 22102 | mm                | 2      | 2      | 2      | 2       |
| Total thickness                  | DIN 22102 | mm                | 7,1    | 8,3    | 9,6    | 10,8    |
| Weight:                          | DIN 22102 | kg/m <sup>2</sup> | 9,38   | 11,07  | 12,75  | 13,88   |
| *approximately                   |           |                   |        |        |        |         |
| <b>Carcass:</b>                  |           |                   |        |        |        |         |
| Number of plies:                 |           |                   | 3      | 4      | 5      | 5       |
| Polyester/Polyamide              |           |                   | EP 160 | EP 160 | EP 160 | EP 200  |
| <b>Cover properties:</b>         |           |                   |        |        |        |         |
| Tensile strength min.            | DIN 22102 | MPa               | 12     | 12     | 12     | 12      |
| Elongation at break min.         | DIN 22102 | %                 | 300    | 300    | 300    | 300     |
| Abrasion:                        | DIN 22102 | mm <sup>3</sup>   | 200    | 200    | 200    | 200     |
| Shore Hardness:                  | ISO 7619  | Shore A           | 60     | 60     | 60     | 60      |
| <b>Adhesion min.</b>             |           |                   |        |        |        |         |
| Cover A/ply                      | DIN 22102 | N/mm              | 4,5    | 4,5    | 4,5    | 4,5     |
| Cover B/ply                      | DIN 22102 | N/mm              | 4,5    | 4,5    | 4,5    | 4,5     |
| Between plies                    | DIN 22102 | N/mm              | 5      | 5      | 5      | 5       |
| <b>Break resistance of belt:</b> |           |                   |        |        |        |         |
| Min breaking strength warp:      | DIN 22102 | N/mm              | 500    | 630    | 800    | 1000    |
| Max working elongation:          | DIN 22102 | %                 | 1,5    | 2,5    | 2,5    | 2,5     |

### Additional information:

Working temperature: -20°C - + 100°C

Usable for the transport of material containing

vegetable oil and fat - as well as mineral oils. Antistatic acc. ISO 284, resistant against ozone

Volume change of covers: IRM903 24h/100°C max. 10%, IRM903 21Tage/20°C max. 3%

The belt will be produced according to the REACH-regulations.