

Technical data

HEVALOID® Endless-Tube winder belts

Tube winder belts black

| Type | 535 TW | 565 TW | 585 TW | 595 TW |
|--|---|---|---|---|
| Thickness | 2.5 mm | 4.0 mm | 6.0 mm | 8.0 mm |
| Mandrel-diameter | 20 – 60 mm | 50 – 120 mm | > 70 mm | > 120 mm |
| Minimum-Ø of tube | 30 mm (20 mm if belt speed is less than 5 m/sec.) | 60 mm (50 mm if belt speed is less than 5 m/sec.) | 80 mm (70 mm if belt speed is less than 5 m/sec.) | 130 mm (120 mm if belt speed is less than 5 m/sec.) |
| Thickness of cardboard tube | 2 – 4 mm | 2 – 8 mm | > 4 mm | > 6 mm |
| Tensile member | Polyester fabric, endless woven | | | |
| Quality of rubber | Chloroprene black, 85 ShA | | | |
| Temperature resistance | 80 °C | 80 °C | 80 °C | 80 °C |
| Coefficient of friction μ | 0.7 – 0.8 | 0.7 – 0.8 | 0.7 – 0.8 | 0.7 – 0.8 |
| Tensile strength, endless | 3000 N/cm | 4000 N/cm | > 4000 N/cm | > 4000 N/cm* > 6000 N/cm |
| Elongation at break | 8 – 9 % | 8 – 9 % | 8 – 9 % | 8 – 9 % |
| Force at 1% elongation 2% elongation | 350 N/cm 700 N/cm | 400 N/cm 800 N/cm | 450 N/cm 900 N/cm | 600 N/cm 1100 N/cm |
| Dimensions length | 1400 – 9000 mm +/- 0.5 % | 1400 – 9000 mm +/- 0.5 % | 1800 – 9000 mm +/- 0.5 % | *1800 – 2999 mm 3000 – 9000 mm +/- 0.5 % |
| width | 20 – 280 mm +/- 1 mm | 20 – 280 mm +/- 1 mm | 20 – 280 mm +/- 1 mm | 20 – 280 mm +/- 1 mm |
| Applications | Tubes of sanitary and domestic papers, industrial tubes, etc. | Tubes for cardboard cans, textile tubes, industrial tubes, etc. | Tubes for carpet rolls, washing agent drums, heavy industrial tubes, etc. | Tubes for very heavy industrial tubes, heavy carpet rolls, etc. |

Technical data

HEVALOID® Endless-Tube winder belts

Tube winder belts blue

| Type | 538 TW | 568 TW | 598 TW |
|--|--|---|--|
| Standard thickness | 3.0 mm | 5.5 mm | 8.0 mm |
| Mandrel-diameter | 20 – 60 mm | 50 – 120 mm | > 100 mm |
| Minimum-Ø of tube | 20 mm | 50 mm | 100 mm |
| Thickness of cardboard tube | 2 – 4 mm | 2 – 8 mm | > 6 mm |
| Tensile member | Polyester fabric, endless woven | | |
| Quality of rubber | NBR blue, 75 ShA, especially for bright applications | | |
| Temperature resistance | 80 °C | 80 °C | 80 °C |
| Coefficient of friction μ | 0.7 | 0.7 | 0.7 |
| Tensile strength, endless | 3000 N/cm | 4000 N/cm | > 4000 N/cm* > 6000 N/cm |
| Elongation at break | 8 – 9 % | 8 – 9 % | 8 – 9 % |
| Force at 1% elongation 2% elongation | 350 N/cm 700 N/cm | 400 N/cm 800 N/cm | 600 N/cm 1100 N/cm |
| Dimensions length | 1400 – 9000 mm +/- 0.5 % | 1400 – 9000 mm +/- 0.5 % | *1800 – 2999 mm 3000 – 9000 mm +/- 0.5 % |
| width | 20 – 280 mm +/- 1 mm | 20 – 280 mm +/- 1 mm | 20 – 280 mm +/- 1 mm |
| Applications | Tubes for sanitary and domestic papers, industrial tubes, etc. | Tubes for cardboard cans, textile tubes, industrial tubes, etc. | Tubes for carpet rolls, washing agent drums, heavy and very heavy industrial tubes, etc. |