

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.