

Toothed belt Poly Chain® Carbon™ Volt®

synchronous power belt

Unequaled power transmission with exceptional antistatic qualities.

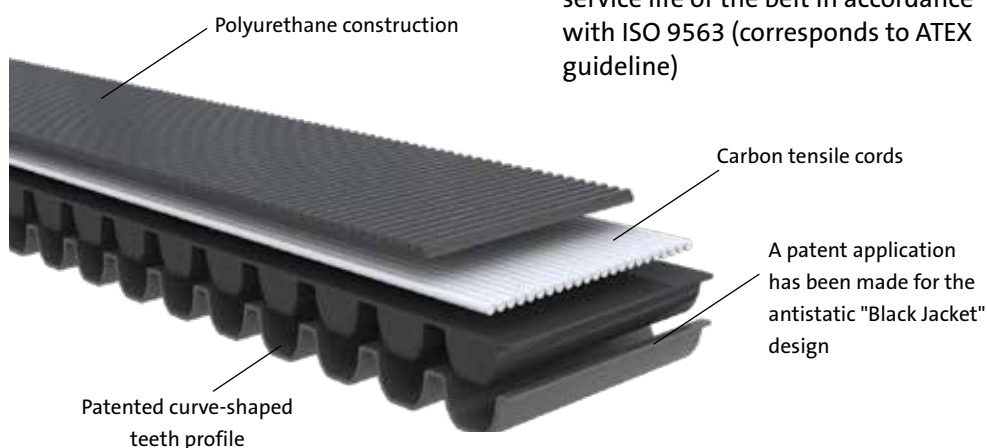


Extremely high power transmission, strength, flexibility, durability and reliability are crucial requirements for driving belts. We guarantee these qualities with our Poly Chain® Carbon™ Volt® belt (further development of the Poly Chain® Carbon™).

In addition, the Poly Chain® Carbon™ Volt® is statically conductive in accordance with ISO 9563 over its entire lifetime.

Features

- High cost-effectiveness: Due its high level of power transmission, the width and the weight of the belt drive can be reduced considerably.
- The reliability of the belt increases the service life of the equipment in which it is used.
- The special resistance to bending enables small diameters. High shock resistance and improved belt length stability.
- Statically conductive over the entire service life of the belt in accordance with ISO 9563 (corresponds to ATEX guideline)

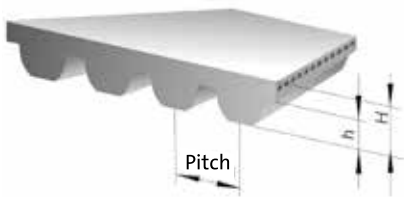


The most powerful synchronous belt on the market

Structure/function:

The Poly Chain® Carbon™ Volt® belt consists of a light but very robust polyurethane mixture with carbon tensile cord. **The carbon-fibre reinforcement ensures great strength and longitudinal stability with better resistance to shock and fatigue, less expansion and more flexibility.** For this toothed belt, outer and back tension idlers can be used. The belt acquires the necessary static conductivity due to the new tooth covering made of graphite fabric.

The belt has a patented **antistatic fabric** that reliably discharges static electricity. It therefore ensures greater safety in environments where the build-up of static electricity has to be avoided, for example in oil or gas refineries, chemical factories, granaries etc. Maximise your safety standards with our new Poly Chain® Carbon™ Volt® belt!



8M	Pitch	h	H
	[mm]	[mm]	[mm]
8MGTV	8.00	3.40	5,90
14MGTV	14.00	6.00	10,20

8MGTV		
Belt designation	Pitch length [mm]	Number of teeth
8MGTV-640	640	80
8MGTV-720	720	90
8MGTV-800	800	100
8MGTV-896	896	112
8MGTV-960	960	120
8MGTV-1000	1000	125
8MGTV-1040	1040	130
8MGTV-1120	1120	140
8MGTV-1200	1200	150
8MGTV-1224	1224	153
8MGTV-1280	1280	160
8MGTV-1440	1440	180
8MGTV-1600	1600	200
8MGTV-1760	1760	220
8MGTV-1792	1792	224
8MGTV-2000	2000	250
8MGTV-2200	2200	275
8MGTV-2240	2240	280
8MGTV-2400	2400	300
8MGTV-2520	2520	315
8MGTV-2600	2600	325
8MGTV-2800	2800	350
8MGTV-2840	2840	355
8MGTV-3048	3048	381
8MGTV-3200	3200	400
8MGTV-3280	3280	410
8MGTV-3600	3600	450
8MGTV-4000	4000	500
8MGTV-4400	4400	550
8MGTV-4480	4480	560

Available in the widths 12 mm, 21 mm, 36 mm and 62 mm

14MGTV		
Belt designation	Pitch length [mm]	Number of teeth
14MGTV-994	994	71
14MGTV-1120	1120	80
14MGTV-1190	1190	85
14MGTV-1260	1,260	90
14MGTV-1400	1400	100
14MGTV-1568	1568	112
14MGTV-1610	1610	115
14MGTV-1750	1750	125
14MGTV-1890	1890	135
14MGTV-1960	1960	140
14MGTV-2100	2100	150
14MGTV-2240	2240	160
14MGTV-2310	2310	165
14MGTV-2380	2380	170
14MGTV-2450	2450	175
14MGTV-2520	2520	180
14MGTV-2590	2590	185
14MGTV-2660	2660	190
14MGTV-2730	2730	195
14MGTV-2800	2800	200
14MGTV-2828	2828	202
14MGTV-3136	3136	224
14MGTV-3304	3304	236
14MGTV-3360	3360	240
14MGTV-3500	3500	250
14MGTV-3850	3850	275
14MGTV-3920	3920	280
14MGTV-4326	4326	309
14MGTV-4410	4410	315

Available in the widths 20 mm, 37 mm, 68 mm and 125 mm

We would be happy to help and advise you with your individual dimensioning requirements.