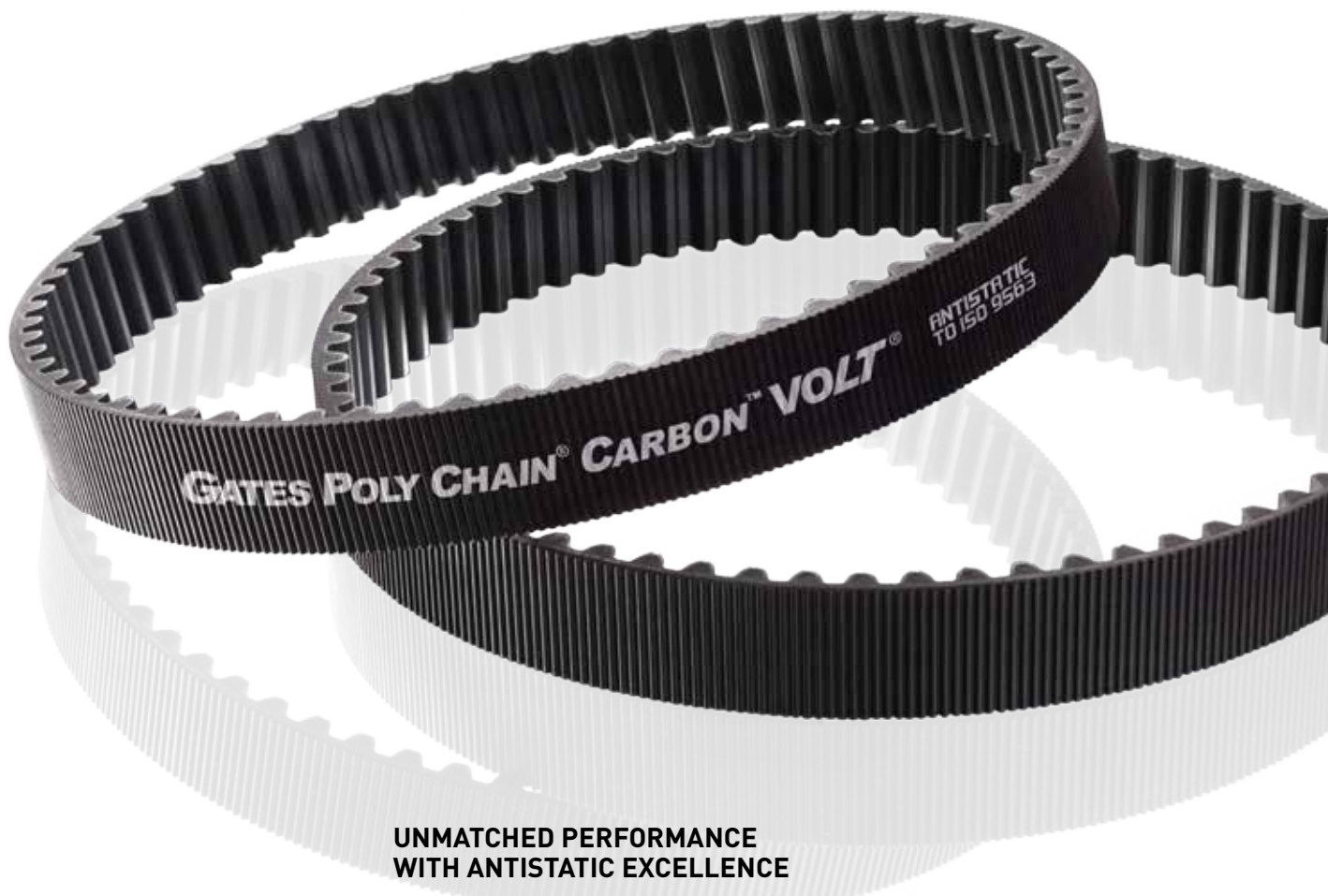


POLYURETHANE SYNCHRONOUS BELTS



POLY CHAIN® CARBON® VOLT®



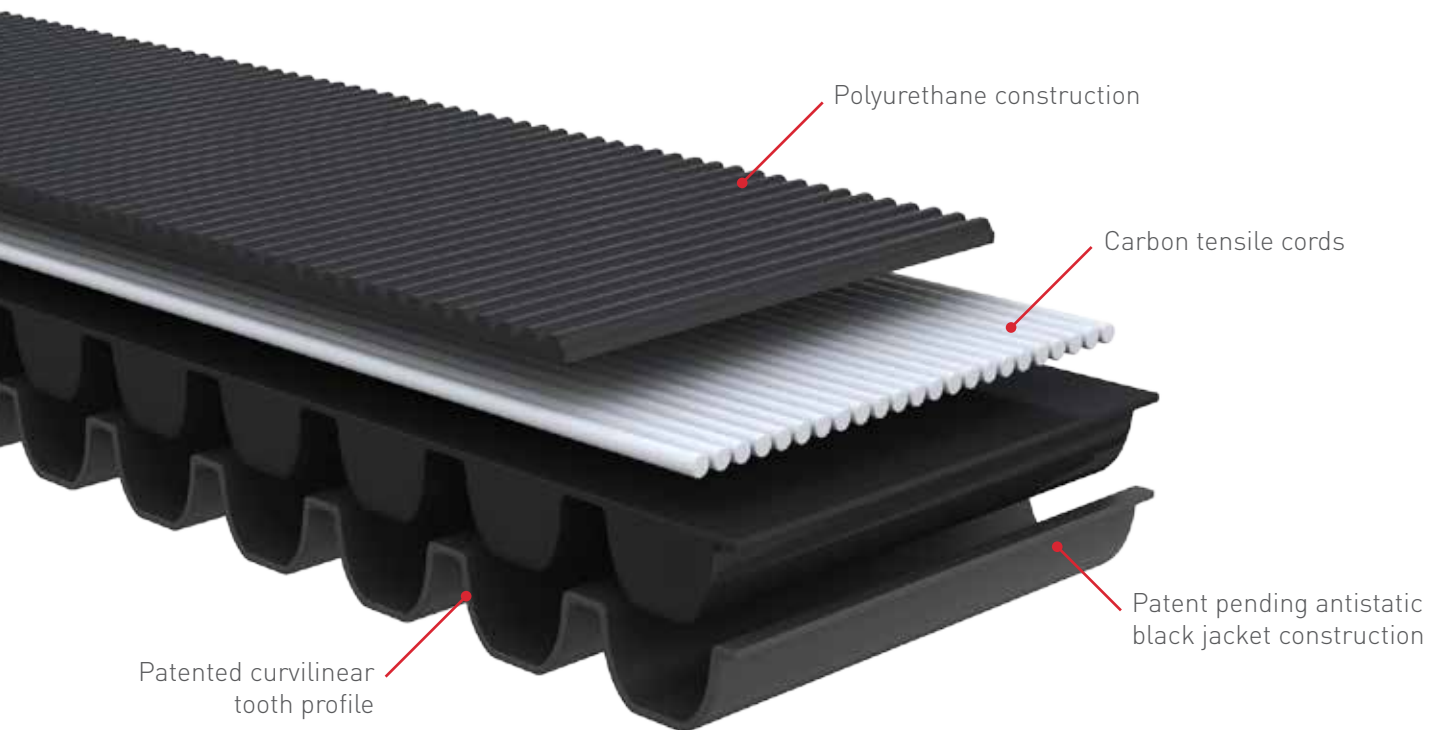
UNMATCHED PERFORMANCE WITH ANTISTATIC EXCELLENCE

Antistatic power transmission belts are a must in explosive environments. What you may not realise is that power transmission belts that meet the ISO 9563 standard for static conductivity are only required to meet that level when new. To ensure the highest safety standards, it is important to guarantee antistatic properties over the lifetime of the belt. Gates Poly Chain® Carbon® Volt® belt has been proven to maintain static conductivity many times longer than any other belt on the market, making it the safest and strongest option!

POLY CHAIN® CARBON® VOLT®

THE MOST POWERFUL SYNCHRONOUS BELT IN THE MARKET

Strength, flexibility, durability and reliability are all vital qualities in the field of power transmission. With Poly Chain® Carbon® Volt® belts, you can be confident that all these are guaranteed. The Poly Chain® Carbon® Volt® belt consists of a tough, lightweight polyurethane compound with carbon tensile cord. The carbon fibre reinforcement provides high strength and length stability with improved shock load and fatigue resistance, while reducing stretch and increasing flexibility. The new facing covering the teeth is a graphite fabric that gives the necessary static-conductivity to the belt.



CONSTRUCTION FEATURES

- › Static conductive to ISO 9563 throughout the lifetime of the belt
- › Patented static conductive construction
- › High fatigue-resisting carbon fibre tensile cord
- › Patented carbon tensile cord design
- › Suitable for high torque, low speed drives
- › ATEX directive compliant: suitable for environments with explosive atmospheres



MEETS ISO 9563 STANDARDS FROM START TO FINISH

Gates combines engineering excellence with manufacturing expertise to make sure you get the ultimate in synchronous drive systems. Our new Poly Chain® Carbon® Volt® is the only belt in the market that meets ISO 9563 standard when new, and maintains it for an extended period of time. The belt features patented static-conductive fibres that safely transfer static electricity to carbon tensile cords and away from the driven side of a power transmission application for improved safety in environments where build-up of static electricity needs to be avoided, like oil and gas refineries, chemical processing plants, grain silos... Maximise your safety standards with Gates!

YOUR BENEFITS USING POLY CHAIN® CARBON® VOLT®

- › Precise drive solutions
- › Unsurpassed quality
- › Clean, quiet, compact, durable
- › Extraordinary power capacity
- › Supports a maintenance-free, energy saving, environmentally friendly operation
- › Suitable for temperatures from -54°C to +85°C
- › Compatible with genuine Gates® Poly Chain® GT sprockets



POLY CHAIN® CARBON® VOLT®



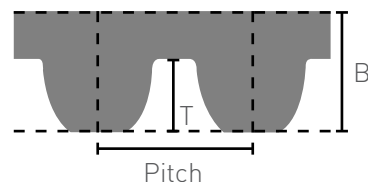
8GTV		
Description	Pitch length mm	Number of teeth
8GTV-640	640	80
8GTV-720	720	90
8GTV-800	800	100
8GTV-896	896	112
8GTV-960	960	120
8GTV-1000	1000	125
8GTV-1040	1040	130
8GTV-1120	1120	140
8GTV-1200	1200	150
8GTV-1224	1224	153
8GTV-1280	1280	160
8GTV-1440	1440	180
8GTV-1600	1600	200
8GTV-1760	1760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

Available in widths of 12 mm, 21 mm, 36 mm and 62 mm.

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

Available in widths of 20 mm, 37 mm, 68 mm, 90 mm and 125 mm.

	Pitch mm	T mm	B mm
8GTV	8.0	3.4	5.9
14GTV	14.0	6.0	10.2



The power and performance you expect only from a Gates Poly Chain® system, as well as industry-leading reliable dissipation of electrostatic charges.

www.GatesAustralia.com.au/Volt

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