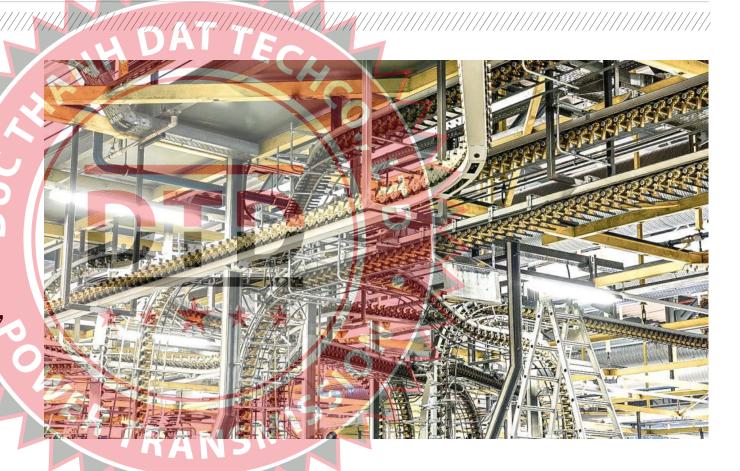


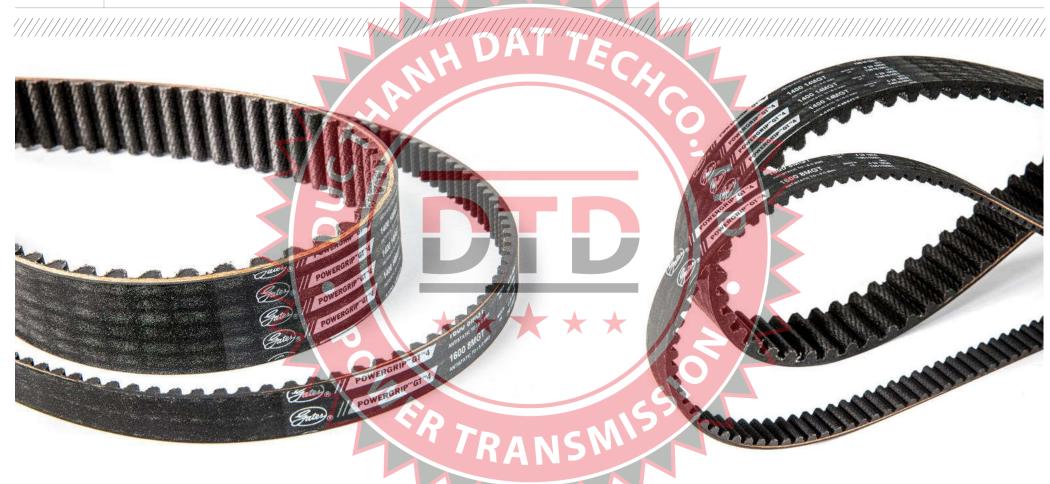
CUSTOMERS SHARED THEIR CHALLENGES AND NEEDS.

WE DEVELOPED A BELT TO ADDRESS EFFICIENCY, NOISE, DURABILITY AND EASE OF INSTALLATION.

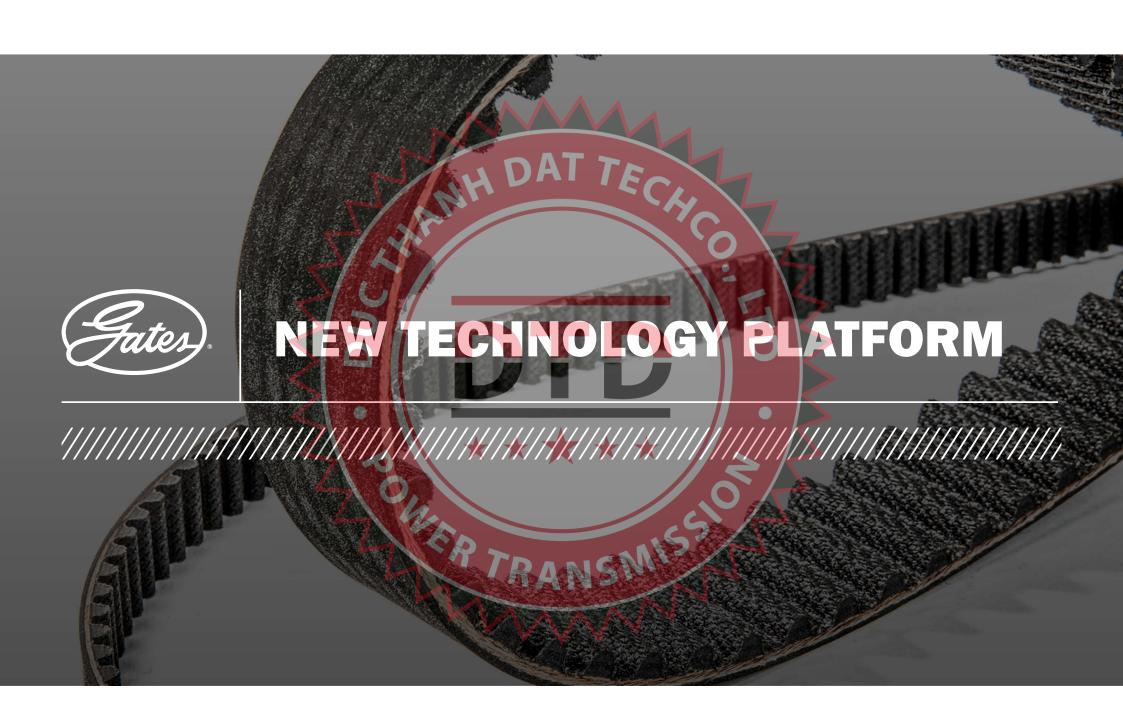


AN ETHYLENE ELASTOMER HIGH-TORQUE SYNCHRONOUS BELT

INTRODUCTION



POWERGRIP™ GT4™: THE LATEST IN SYNCHRONOUS BELT TECHNOLOGY



POWERGRIP™ GT4™

KEY ADVANTAGES

- Higher-power capability
- Wider temperature range
- Service-free
- Other benefits



OPPORTUNITIES

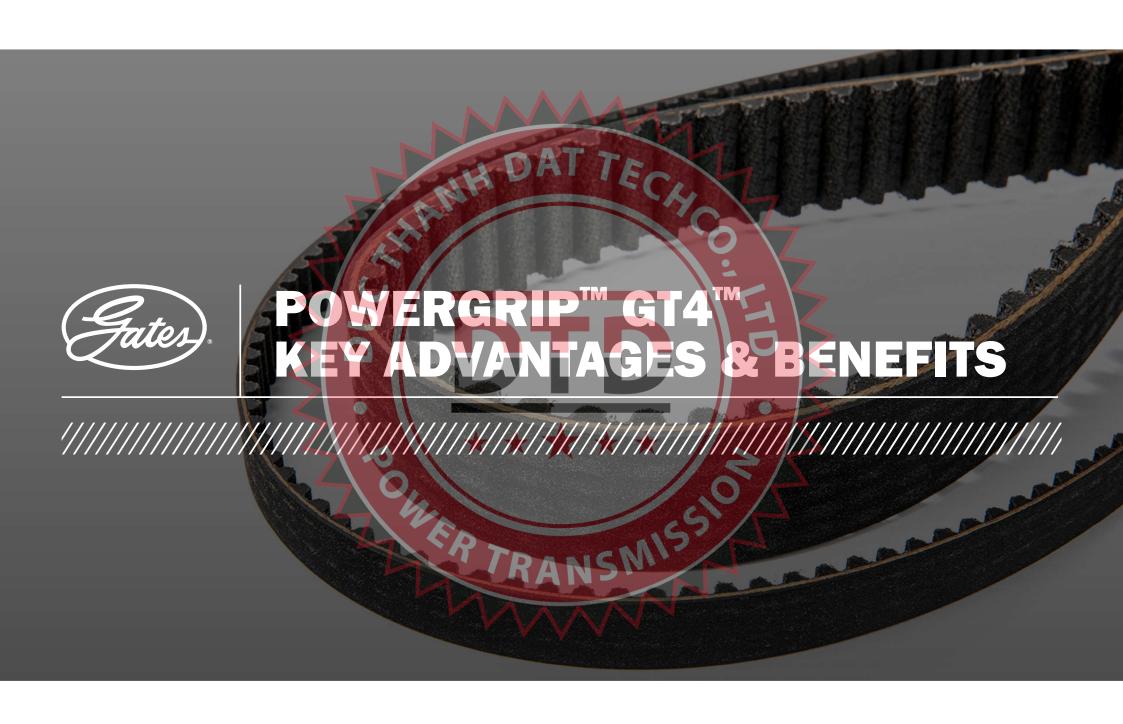
- Applications
- Industries



PRODUCT SPECIFICATIONS

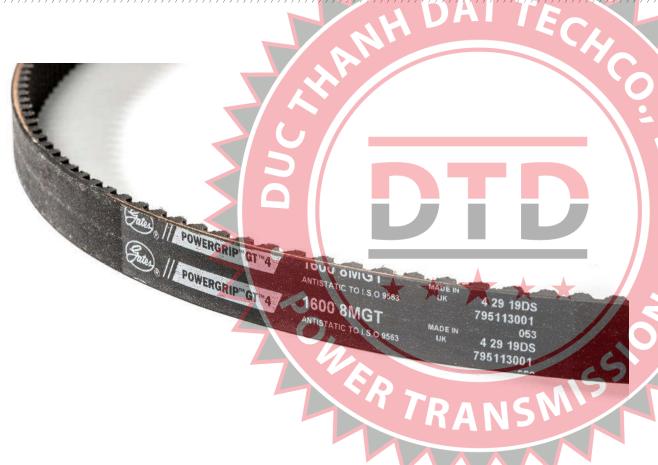
- Construction
- GT range evolution
- Benchmark
- Other product specifications
- Order codes







KEY ADVANTAGES



- 1. HIGHER POWER-CARRYING CAPACITY
- 2. WIDER TEMPERATURE RANGE CAPABILITY
- 3. SERVICE FREE



KEY ADVANTAGE | HIGHER POWER-CARRYING CAPABILITY

A NARROWER BELT OPENS UP A BROADER RANGE OF USES

- You can apply a narrower belt which opens up a broader range of uses.
- Machine builders can fit a belt drive into smaller spaces or design machines that use more torque.
- Factory managers can save money as a result of a lower total cost of ownership by reducing downtime and repair costs.



POSSIBILITY TO USE A NARROWER BELT

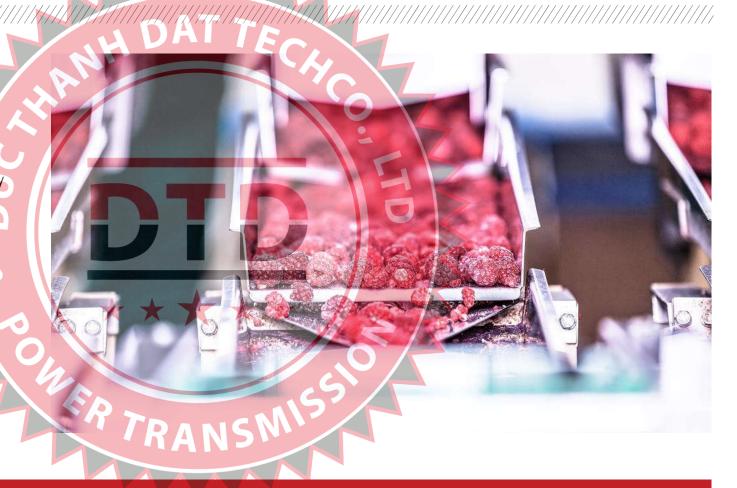


KEY ADVANTAGE | WIDER TEMPERATURE RANGE CAPABILITY

ADVANTAGE OF MATERIALS SCIENCE

- Moving from chloroprene to the EE formulation allows the new belt to carry required power across a greater temperature range.
- This larger range capability enables application of belts in high and low temperature environments.
- Fully operational in temperatures of -40°C to +120°C.

Can be used to +140 °C intermittently.

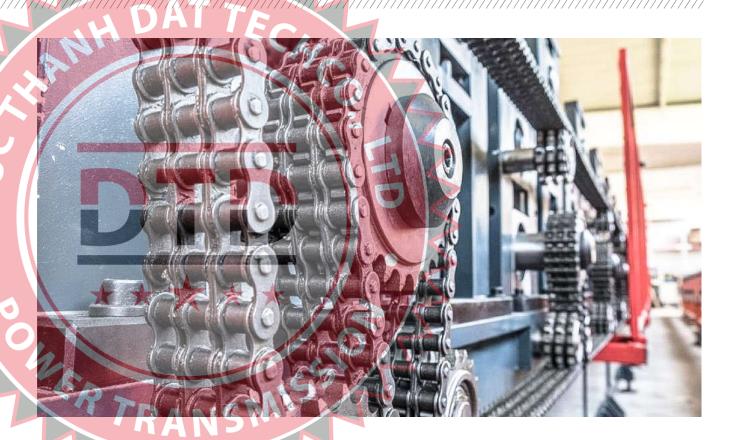


FULLY OPERATIONAL IN ENVIRONMENTS FROM -40°C UP TO +120°C

KEY ADVANTAGE | SERVICE-FREE

POWERGRIP™ GT4™ ZERO MAINTENANCE

- No lubrication and less re-tensioning eliminates maintenance costs throughout the life of the belt
- Running smoothly and quietly, reducing contamination risks.
- This makes it ideal to replace traditional chain drives.



NO STRETCH - NO RE-TENSIONING - NO LUBRICATION



KEY ADVANTAGE | EXTRA FEATURES & BENEFITS

- High efficiency up to 98% over belt life
- Improves Ergonomics Less weight reduces fatigue and strain during installation resulting in more productivity and fewer lost time incidents
- Enables safer employee working conditions with zero oil and less weight there's less risk of slipping and failing
- Rust free and safe for use in food handling spaces
- Less maintenance reduces grime build-up
- Reduced environmental risk
- Increased uptime
- Improved chemical resistance against alkalis, acids, UV and ozone
- Maintains performance in all but fully submerged grease and oil environments (Intermittent contact with grease and/or oil will not adversely affect performance)



COMPLEMENTING THE EXISTING GATES PORTFOLIO

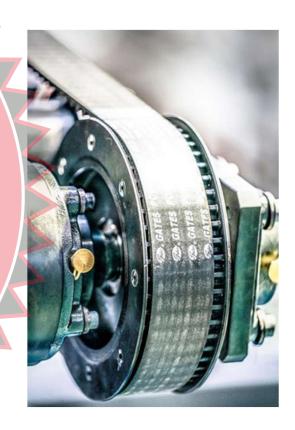


GATES BENEFITS | NOT ALL DRIVE SOLUTIONS ARE EQUAL



BENEFITS OF WORKING WITH GATES

- Backed by 100 Years of Innovation
- Engineered to outperform the competition
- Industry-leading product coverage
- Comprehensive training programs
- Dedicated Sales Force



THE GATES VALUE PROPOSITION

GATES BENEFITS | NOT ALL DRIVE SOLUTIONS ARE EQUAL



WE CAN HELP YOU ACHIEVE...

- Global Product Availability
- Elimination of Metal-on-Metal Chain Clatter
- Corrosion Resistance
- Reduced Maintenance
 - Increased Durability
- Improved Efficiency
- Weight Reduction
- Higher Speeds
- Greater Power and Load
- Cleaner Drives
- Environmentally-Friendly

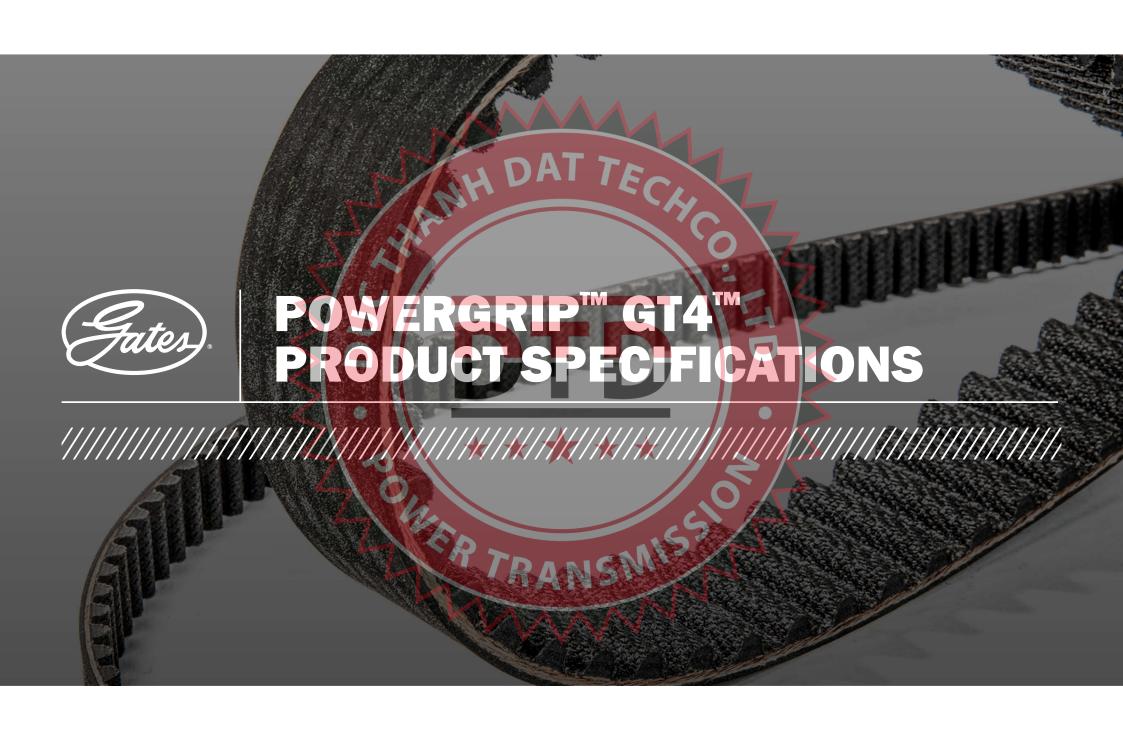


GATES BENEFITS | NOT ALL DRIVE SOLUTIONS ARE EQUAL



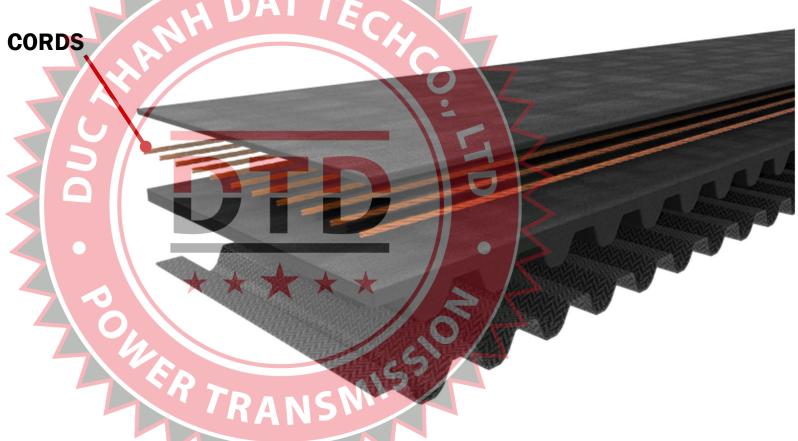
... IN THESE INDUSTRIES

- Construction & mining
- Forestry & agriculture
- Textile & laundry
- Stationary machinery & tools
- Pulp & paper
- Food processing
- Packaging
- Automation
- Automotive assembly
- Robotics
- ...



FIBERGLASS TENSILE CORDS

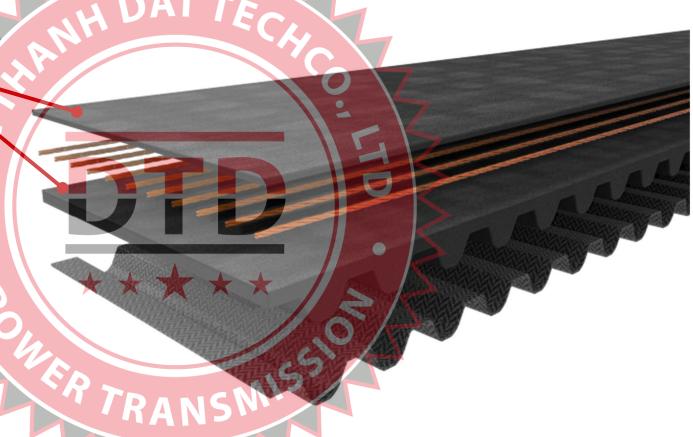
- No re-tensioning required
- Improved flex fatigue
- High length stability
- Enhanced durability



NEW DESIGNED CORD TECHNOLOGY

NEW GENERATION ELASTOMER

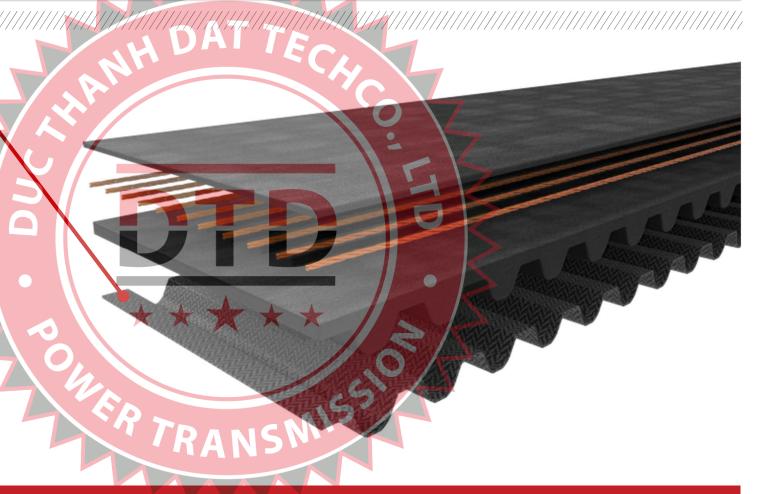
- Class leading power capacity
- 25% rating increase over GT3
- Compact belt drive design
- Wider range of temperatures:-40°C to +120°C
- ATEX compliant
 Static conductive ISO 9563
- Halogen free



NEW ENGINEERED EPDM COMPOUND

NYLON TOOTH FABRIC

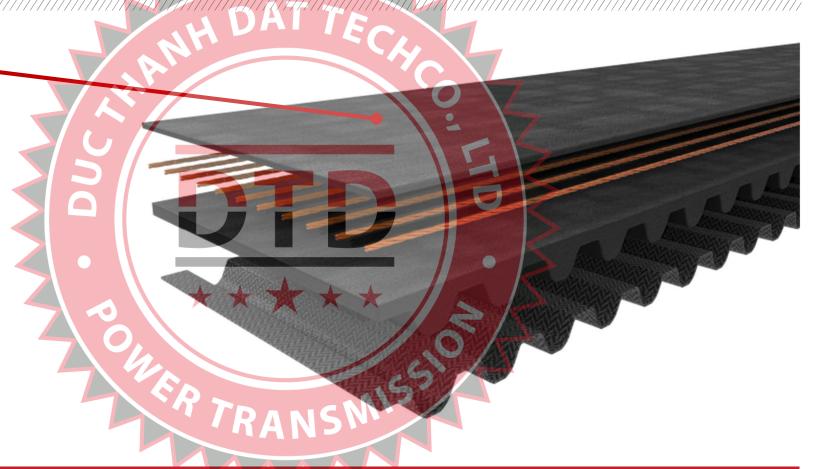
- High efficiency up to 98%
- Improved tooth wear resistance
- Reduces friction
- Longer durability
- ATEX compliant
 Static conductive ISO 9563



ENHANCED FABRIC MATERIAL

BACK FINISH

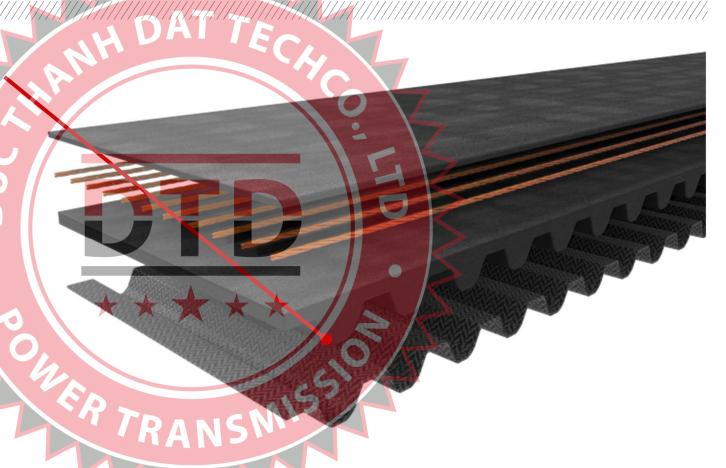
- Smooth back idler running
- Vibration elimination



IMPROVED GRINDING

PATENTED GT TOOTH PROFILE

- Perfect fit on HTD[™] pulley groove
- Reduced running noise
- Improved tooth jump resistance

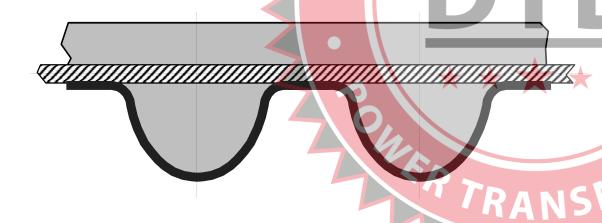


OPTIMISED CURVILINEAR DESIGN

ADDITIONAL SPECIFICATIONS | LENGTH & WIDTH RANGE

AVAILABLE PITCH SECTIONS & DIMENSIONS

SECTION	PITCH (MM)	TOOTH HEIGHT (MM)	BELT HEIGHT (MM)	LENGTH RANGE (MM)
8MGT	8.0	3.4	5.6	384 - 4400
14MGT	14.0	6.0	10.0	966 - 6860



NEW LENGTHS 8MGT

- 576 mm / 72T
- 1104 mm / 138T
- 1224 mm / 153T
- 2200 mm / 275T

STANDARD WIDTHS

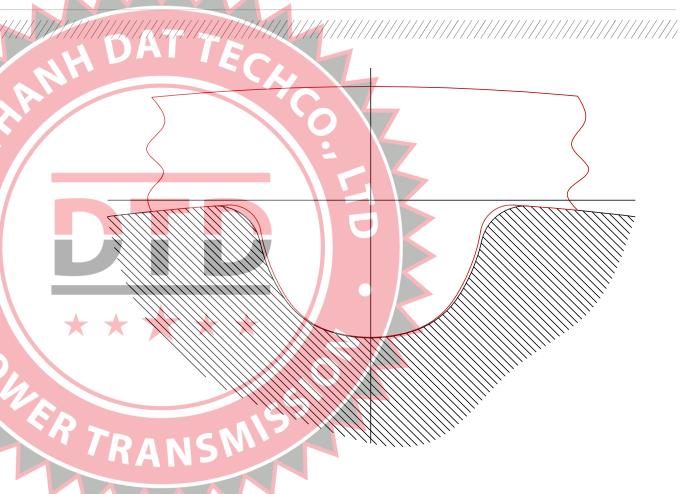
- 8MGT : 20 30 50 85 mm
- 14MGT: 40 55 85 115 170 mm
- Other widths available upon request

MADE TO STOCK PRODUCT LINE

ADDITIONAL SPECIFICATIONS | SPROCKET COMPATIBILITY

HTD™ SPROCKET GROOVE COMPATIBILITY

- Easy drive upgrade in existing HTD™ sprocket groove
- Reduced backlash
- Reduced running noise due to damping effect



FIT TO MARKET PROFILE STANDARD

ADDITIONAL SPECIFICATIONS | ORDERING CODE

PITCH 8MGT

GT4 840 8MGT 20

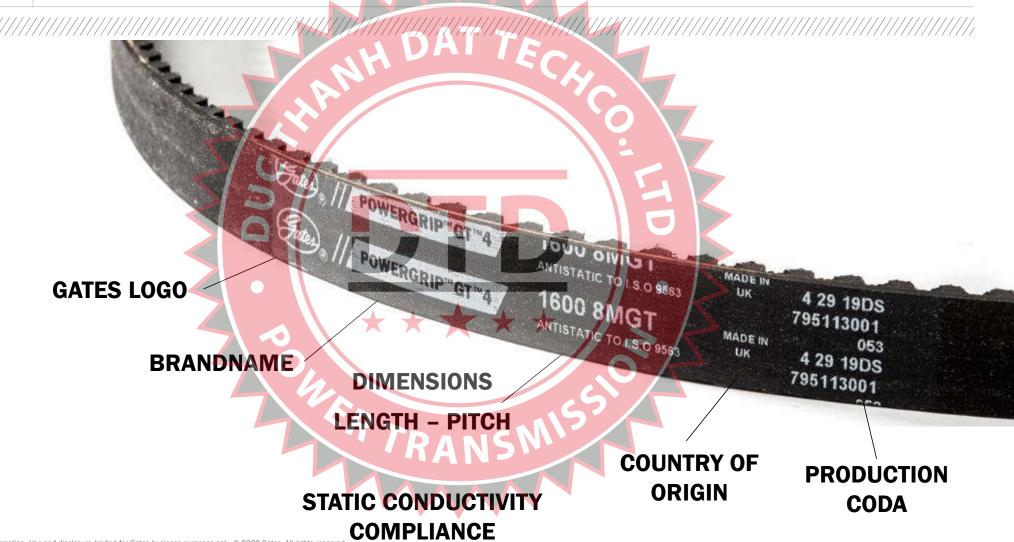
PITCH 14MGT

GT4 4326 14MGT 55



THE LATEST IN SYNCHRONOUS BELT TECHNOLOGY







ADDITIONAL SPECIFICATIONS | SPECIAL FINISHING

POWERPAINT™

- PowerGrip GT4 can be supplied on demand suited for usage on Paint and Varnish applications.
- Maintaining its high performance rating and product characteristics, the PowerPaint[™] version guarantees a smooth and evenly painting surface.
- Available on demand

ORDERING CODE

PPT GT4 length pitch width



POWERGRIP™ HTD4™

- Using PowerGrip GT4 advanced materials and available HTD™ production tooling, we offer the ability to have GT4™ performance in HTD™ 8M length sizes.
- Available on demand

ORDERING CODE

HTD4 length 8M width

ON DEMAND AVAILABILITY

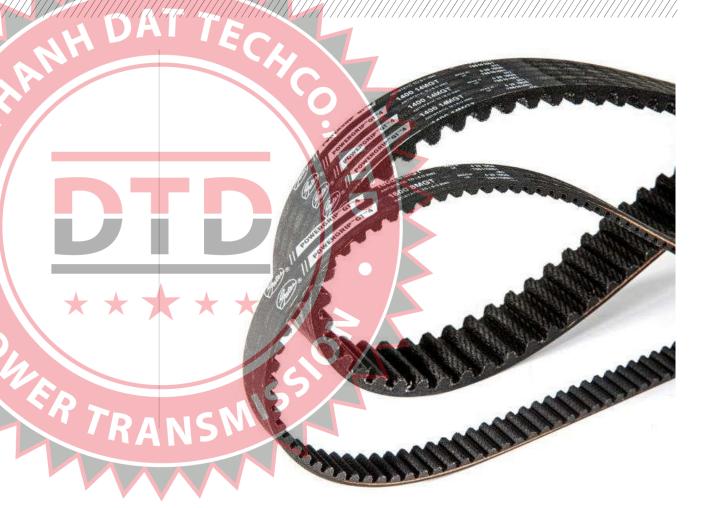
ADDITIONAL SPECIFICATIONS | PULLEY SIZES

PITCH 8MGT

- 22 = Min. recommended pulley size (number of grooves)
- 85 = Min. back idler diameter (mm)

PITCH 14MGT

- 28 = Min. recommended pulley size (number of grooves)
- 190 = Min. back idler diameter (mm)





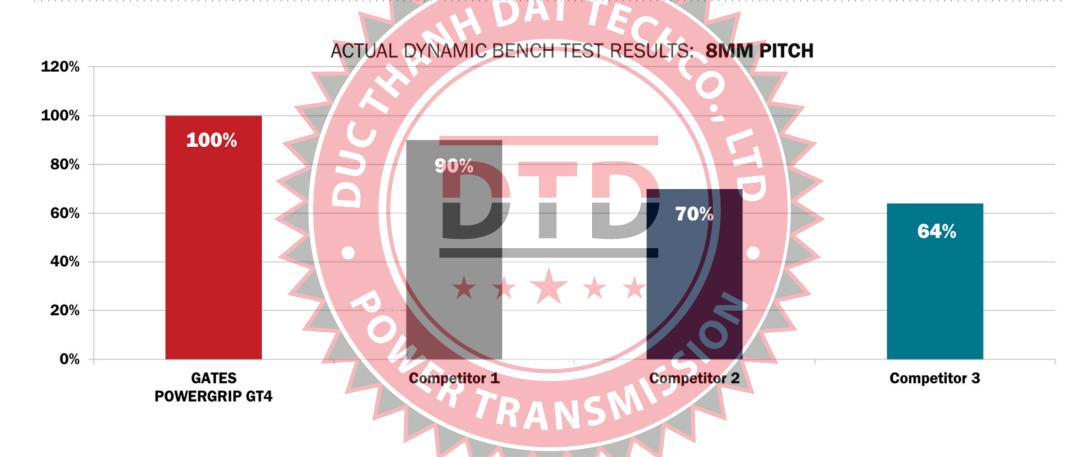
PRODUCT SPECIFICATIONS | GATES GT4 RANGE EVOLUTION

LA DAT TEC.							
	1990	2000	2004	2020			
			0				
14		0/12 +30%	GT3 +10% 2	GT4 14MGT			
8		G12+8/1%	GT3-+22%	GT4 8MGT			
5				GT3 5MGT			
3		~ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	* * * / > /	GT3 3MGT			
		- O,	.0/-				
2			65	GT3 2MGT			
		CRTD	NEWIS				
	MANSW						

CONTINUOUS PERFORMANCE IMPROVEMENT



PRODUCT SPECIFICATIONS | BENCHMARK



CLASS LEADING PERFORMANCE



PRODUCT SPECIFICATIONS | BENCHMARK







THE NEXT GENERATION EPDM COMPOUND

- This new engineered halogen free EPDM compound shows the results of our materials science.
- The key advantage of this next generation compound is the wider temperature range capability,
- which in turn benefits a wider range of industries.

TRANS



LET US ADDRESS EFFICIENCY, NOISE, DURABILITY AND EASE OF INSTALLATION

