

# ELIMINATE ROLLER CHAIN BECAUSE PERFORMANCE WINS



DRIVEN BY POSSIBILITY™



## INNOVATE YOUR PROJECT

Carbon fiber tensile cords in Poly Chain® Carbon™ Volt® belts provide improved shock load and fatigue resistance, resulting in high strength and length stability.



## ISO 9563 FROM START TO FINISH

Poly Chain® Carbon™ Volt® belts meet the ISO 9563 standard over the complete lifespan of the belt, making it your safest and strongest option for applications in ATEX environments.

## OPTIMUM PERFORMANCE

Designed to offer you a long-lasting and efficient drive, Poly Chain® belts are an excellent alternative to replace roller chain in all applications, including high torque, low-speed drives.



MULTI-YEAR  
SERVICE LIFE  
UP TO

**3X  
LONGER**

THAN ROLLER CHAIN

**POLY CHAIN® CARBON™ VOLT®**  
**UNMATCHED PERFORMANCE**  
**WITH ANTISTATIC EXCELLENCE**

# ELIMINATE ROLLER CHAIN BECAUSE YOUR PEOPLE MATTER



DRIVEN BY POSSIBILITY™



## IMPROVES OPERATING CONDITIONS

Poly Chain® belts are quiet, greatly reducing exposure to loud noise and creating a more pleasant work environment for your employees.



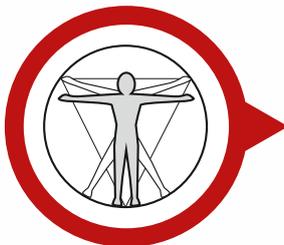
## ZERO MAINTENANCE

No stretch, re-tensioning or lubrication - EVER. Giving your workforce more time to focus on what really matters.



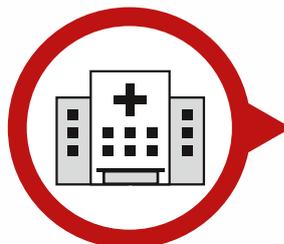
## IMPROVES ERGONOMICS

96% lighter than roller chain, Poly Chain® belts are easier to lift, move and carry. Lighter weight reduces employee fatigue and strain, makes installation easier, and replacement more manageable.



## IMPROVES SAFETY

Poly Chain® belts leave zero risk of being pinched or crushed under heavy chain. Eliminating the use of oil means there's no risk of fire or injury due to slipping and falling. Fewer injuries lead to a stable workforce and employee satisfaction.

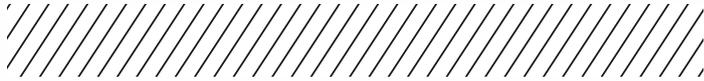


**POLY CHAIN® BELTS BY GATES**  
**KEEPS YOUR WORK FORCE SAFE AND ON THE JOB**

# ELIMINATE ROLLER CHAIN FOR OPTIMAL OPERATIONS EFFICIENCY



DRIVEN BY POSSIBILITY™



## LONGER LENGTHS

Poly Chain® GT™ Carbon™ Extended Length belt drive solutions now handle longer center distances than ever before. GATES produces lengths up to 20,000 mm - that's longer than any other manufacturer in the world.



## LONGER LASTING

With no metal-on-metal wear, sprockets for Poly Chain® have 10X the life of roller chain sprockets, so replacement occurs less often. They are also faster and easier to install.



## ZERO MAINTENANCE HOURS

No stretch, re-tensioning or lubrication - EVER. Giving your workforce more time to focus on what really matters.



## LESS DOWNTIME

Changing a sprocket and roller chain takes a significant amount of time, and if required, crane rental can be expensive. Poly Chain® belts have less maintenance and downtime than any other solution, lasting 3X longer than typical roller-chain drives.

**POLY CHAIN® BELTS BY GATES**  
**WE'RE TAKING DOWNTIME OUT OF YOUR VOCABULARY**

# ELIMINATE ROLLER CHAIN BECAUSE CONTAMINATION COSTS



DRIVEN BY POSSIBILITY™



## NO RUST

Poly Chain® belts are inert to most acids, chemicals and water making it an ideal solution for wet environments. Roller chains rust potentially contaminating food handling spaces. Poly Chain® belts are rust free and safe for use in food processing facilities.



## ISO 9563 FROM START TO FINISH

Poly Chain® Carbon™ Volt® belts meet the ISO 9563 standard over the complete lifespan of the belt, making it your safest and strongest option for applications in ATEX environments.



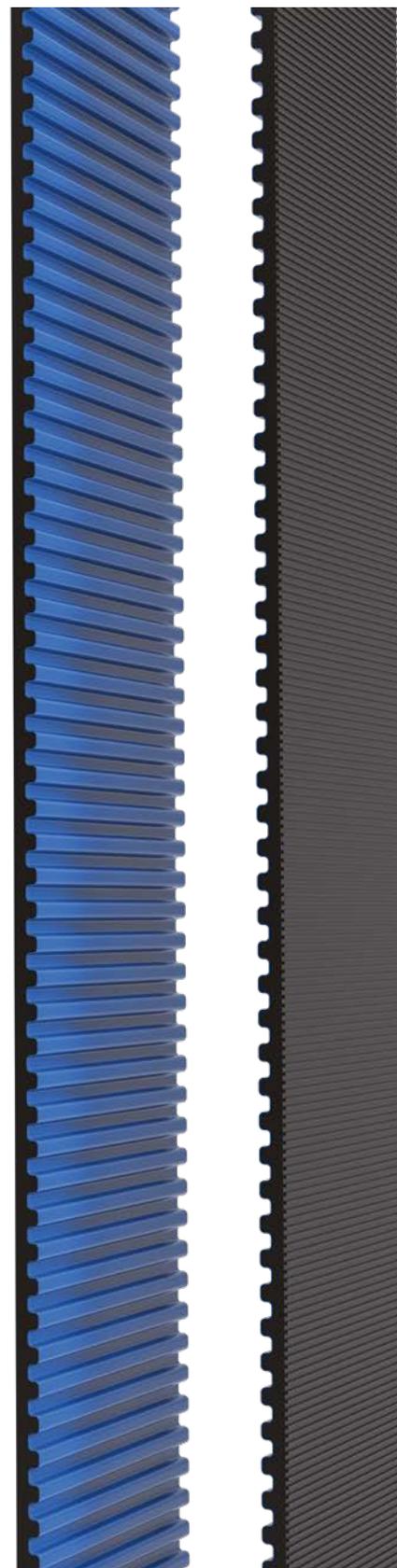
## NO OIL REQUIRED

Poly Chain® belts require zero oil - eliminating the risk of regulatory fines, ground or water contamination and infected food handling spaces.



## LESS CONTAMINATION

Food handling spaces require constant washdowns. This cleaning process washes off lubrication required for roller chain, creating a continuous need to re-lubricate - leading to even greater risk of contamination. Poly Chain® belts require no lubrication, eliminating the risk of contamination, and the expense of extra maintenance.

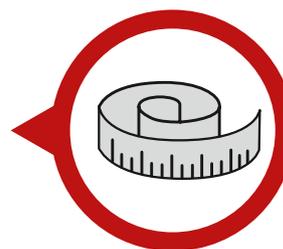
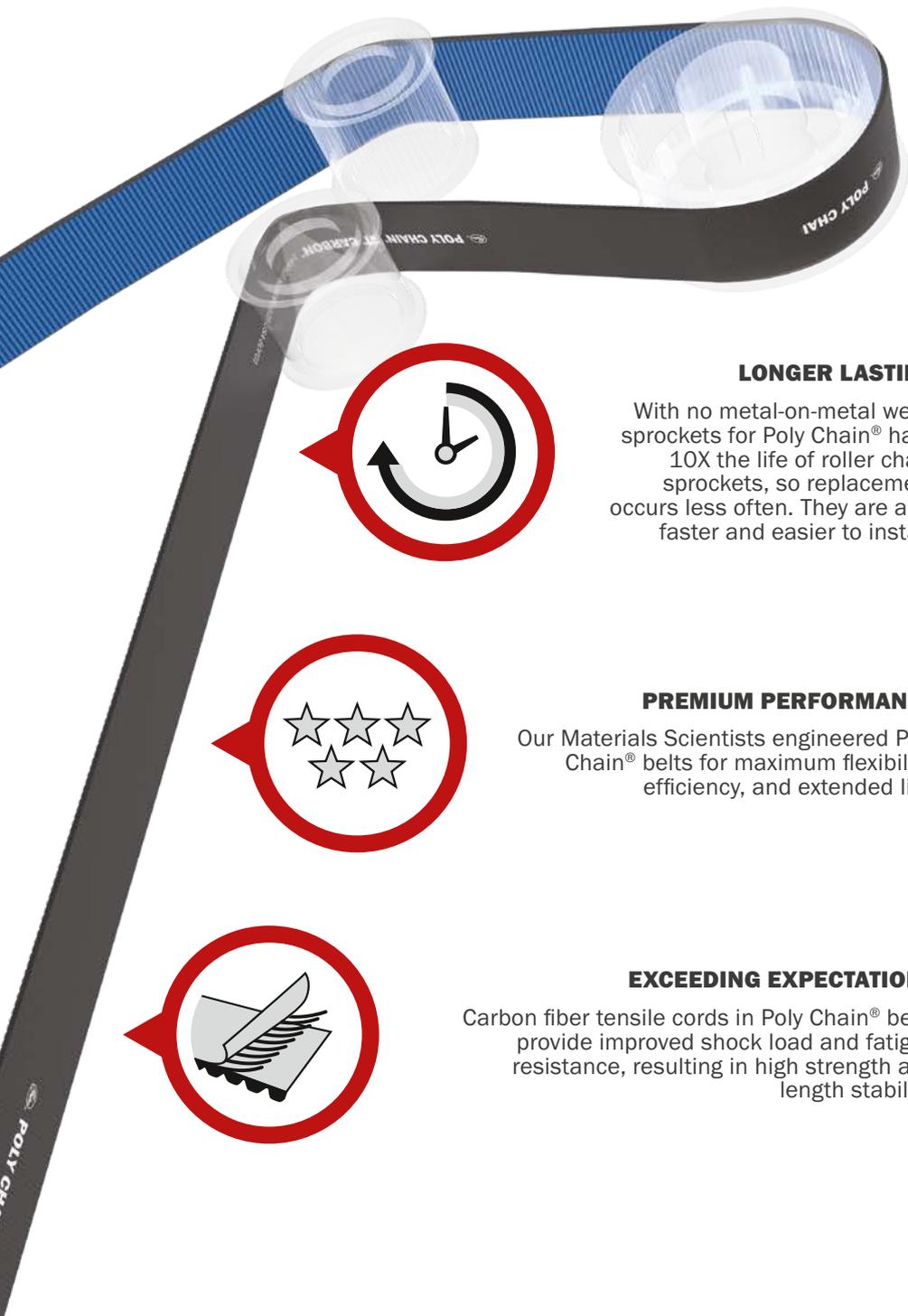


**POLY CHAIN® BELTS BY GATES**  
**THE DRIVE OF CHOICE WHEN REPLACING CHAIN**

# RETHINK LONG CENTER DISTANCE DRIVES WITH **POLY CHAIN® GT CARBON™ EXTENDED LENGTH**



DRIVEN BY POSSIBILITY™



## **LONGER LENGTHS**

Poly Chain® GT™ Carbon™ Extended Length belt drive solutions now handle longer center distances than ever before. GATES produces extremely long belts - up to 20 000 mm.



## **LONGER LASTING**

With no metal-on-metal wear, sprockets for Poly Chain® have 10X the life of roller chain sprockets, so replacement occurs less often. They are also faster and easier to install.



## **PREMIUM PERFORMANCE**

Our Materials Scientists engineered Poly Chain® belts for maximum flexibility, efficiency, and extended life.



## **EXCEEDING EXPECTATIONS**

Carbon fiber tensile cords in Poly Chain® belts provide improved shock load and fatigue resistance, resulting in high strength and length stability.



## **HOW DID GATES DO IT?**

**MATERIALS  
SCIENCE  
INNOVATION.**

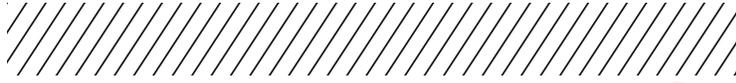
**POLY CHAIN® GT™ CARBON™ EXTENDED LENGTH**

**REPLACE EVEN BIGGER ROLLER CHAIN, OPEN GEARS, AND WIDE V-BELT DRIVES**

# RETHINK LONG CENTER DISTANCE DRIVES WITH **POLY CHAIN®** **GT CARBON™** **EXTENDED LENGTH**

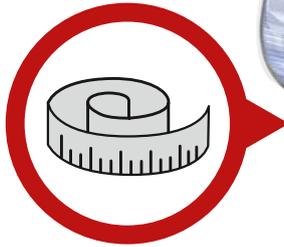


DRIVEN BY POSSIBILITY™



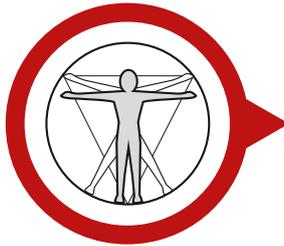
## LONGER LENGTHS

Poly Chain® GT™ Carbon™ Extended Length belt drive solutions now handle longer center distances than ever before. GATES produces extremely long belts - up to 20 000 mm.



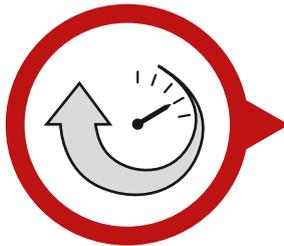
## YOUR PEOPLE MATTER

Quiet and 96% lighter than roller chain, our belt solution improves ergonomics and creates a better work environment.



## OPERATIONS EFFICIENCY

Poly Chain® belts offer efficiencies up to 99% and lasts up to 3X longer than roller chain.



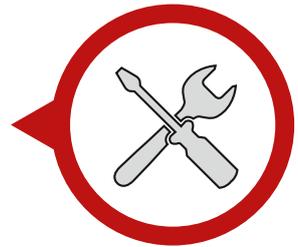
## CONTAMINATION COSTS

Poly Chain® belts require zero oil and never rust - eliminating the risk of regulatory fines, ground or water contamination and infected food handling spaces.



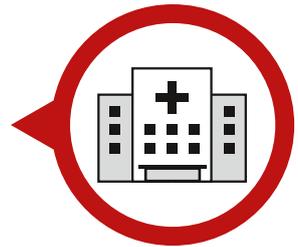
## **POLY CHAIN® GT™ CARBON™** **EXTENDED LENGTH**

**REDEFINING WHAT'S POSSIBLE AROUND THE WORLD**



## ZERO MAINTENANCE

No stretch. No re-tensioning. No lubrication. Ever.



## IMPROVES SAFETY

Heavy chain is an ergonomic nightmare. Oil and lubrication create slip and fall risks. Get rid of it with Poly Chain®.



## PERFORMANCE WINS

GATES proprietary carbon fiber technology and manufacturing processes allow you to replace more chain than ever before.