ELIMINATE ROLLER CHAIN BECAUSE

YOUR PEOPLE MATTER

DRIVEN BY POSSIBILITY™

IMPROVES OPERATING CONDITIONS

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

ZERO MAINTENANCE

No stretch. No re-tensioning. No lubrication. Ever. Which means less overtime maintenance demands on your people.

IMPROVES ERGONOMICS

97% 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 are surprisingly lightweight, so there's zero risk of being pinched or crushed under heavy chain. Since oil baths are no longer required, 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® GT™ Carbon™

KEEPS YOUR WORK FORCE SAFE AND ON THE JOB

ELIMINATE ROLLER CHAIN BECAUSE

CONTAMINATION COSTS

DRIVEN BY POSSIBILITY™

NO RUST

Poly Chain® GT™ Carbon™ 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.

REDUCES ENVIRONMENTAL RISK

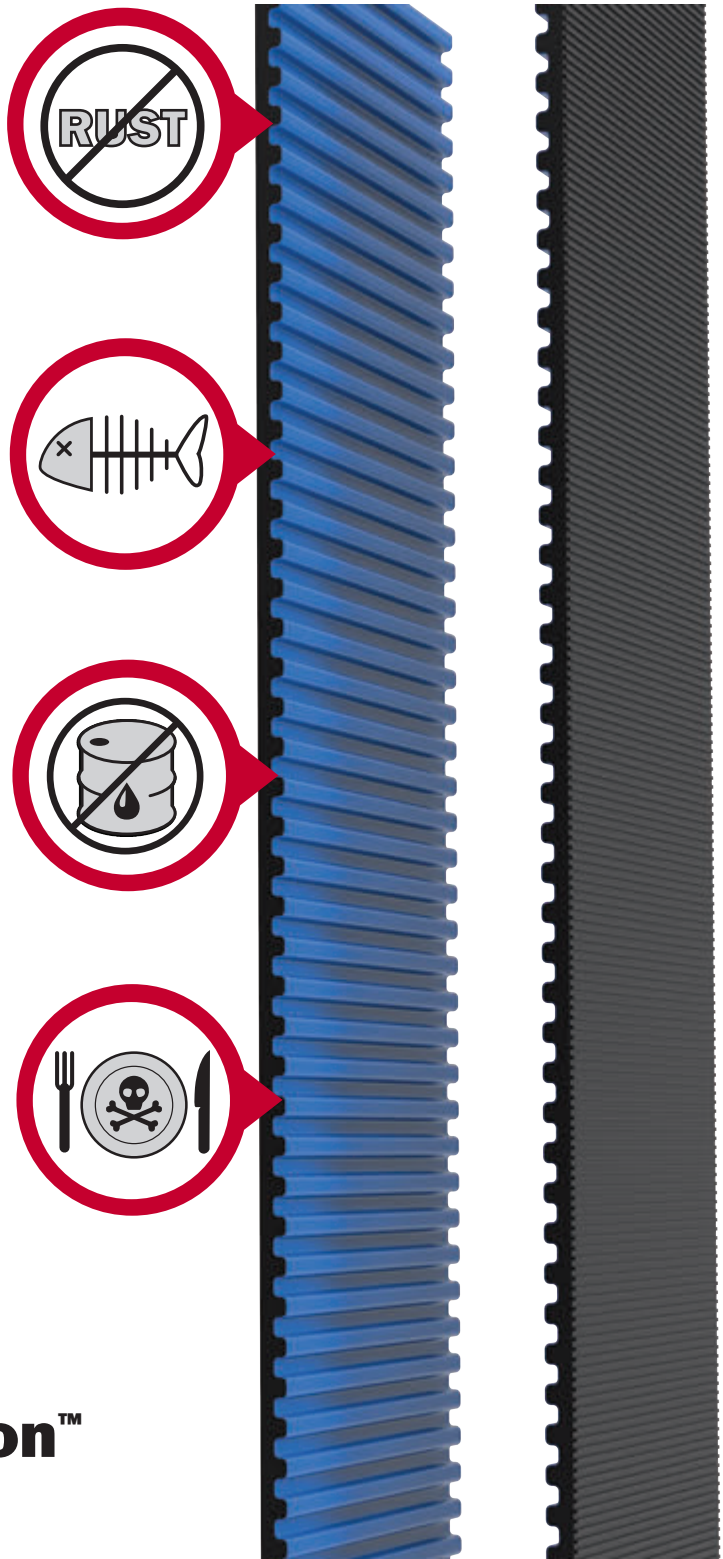
Oil can leak causing ground or water contamination leading to regulatory fines. Poly Chain® belts eliminate this concern because they never need to be lubricated, unlike roller chain.

NO OIL REQUIRED

Fire risk can result from oil baths along with occupational safety risks, such as slipping and falling. Poly Chain® belts require no oil, putting your company, your profit margin, and the environment at less risk.

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.



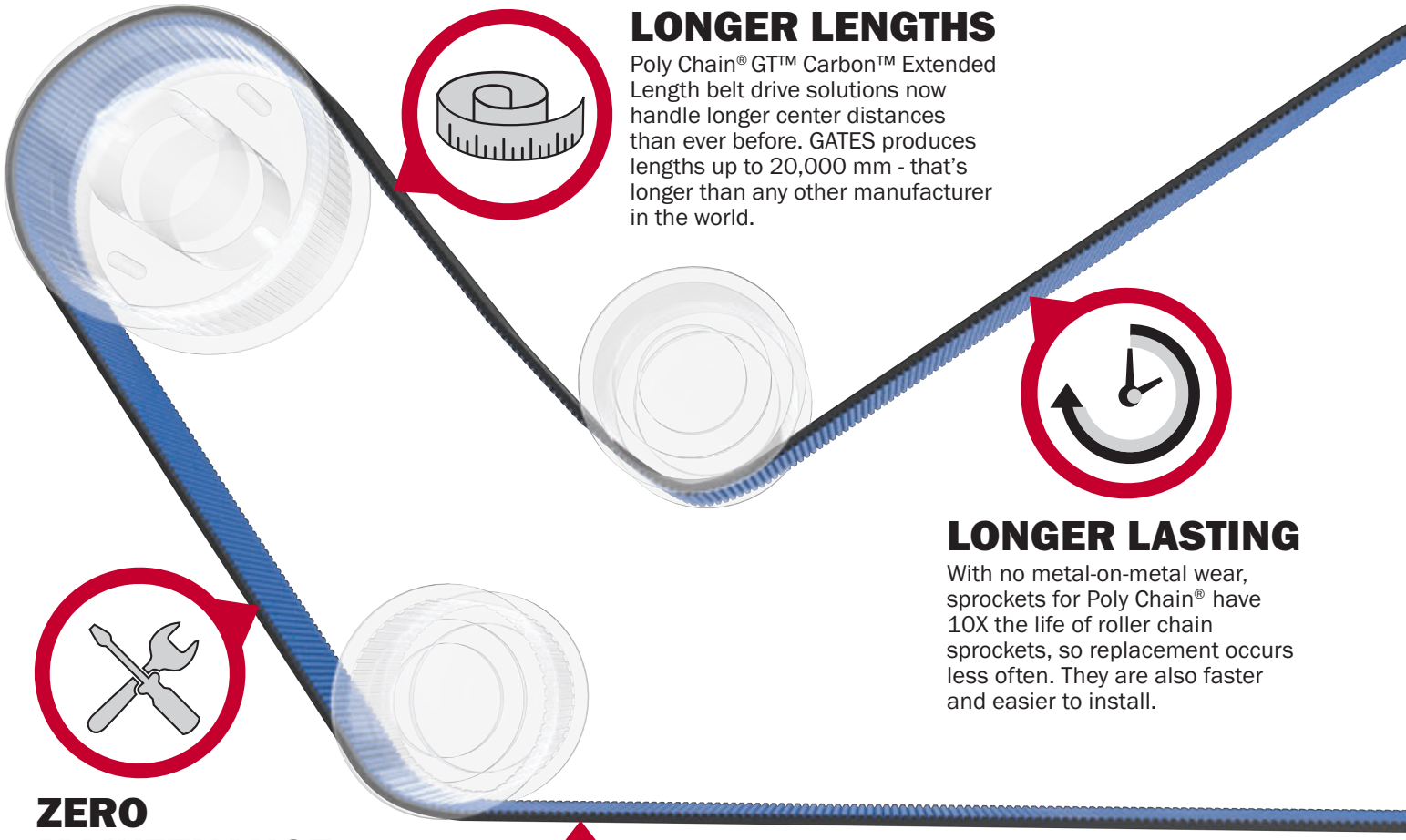
Poly Chain® GT™ Carbon™

THE DRIVE OF CHOICE WHEN REPLACING CHAIN

ELIMINATE ROLLER CHAIN BECAUSE

OPERATIONS DEMAND 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

Poly Chain® belts require zero maintenance. No stretch. No re-tensioning. No lubrication. Giving your workforce more time to focus on what really matters.

SERVICE LIFE UP TO 3X LONGER

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® GT™ Carbon™

WE'RE TAKING DOWNTIME OUT OF YOUR VOCABULARY

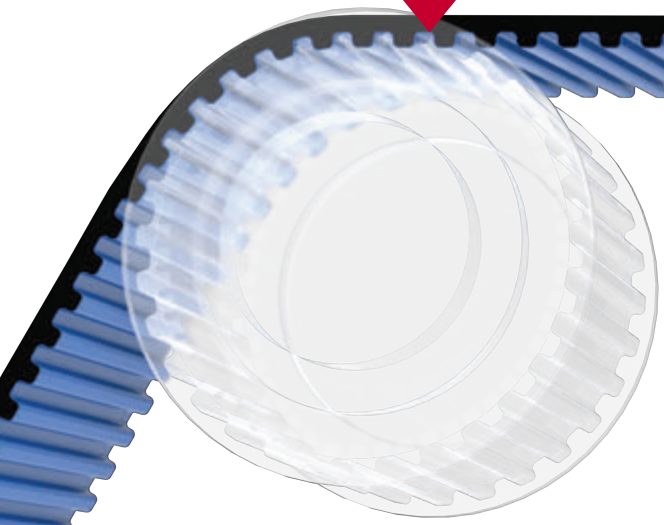
ELIMINATE ROLLER CHAIN BECAUSE

PERFORMANCE WINS

DRIVEN BY POSSIBILITY™

INNOVATE YOUR PROJECT

Poly Chain® GT™ Carbon™ belts are engineered with GATES materials science expertise offering you maximum flexibility, efficiency, and extended life. Our carbon fiber tensile cords provide extraordinary power-carrying capacity and exceptional resistance to flex-fatigue.



ENGINEERED TO GO THE DISTANCE

GATES proprietary materials science process allows us to manufacture extremely long belts - up to 20,000 mm - for longer center drive distances. Poly Chain® GT™ Carbon™ Extended Length 19M replaces even bigger roller chains and gears. Our manufacturing processes also allow for custom belt lengths.

OPTIMUM PERFORMANCE

Designed to withstand shocks, surge loading and heavy abrasion, Poly Chain® belts are an excellent alternative to replace roller chain in all applications, including high torque, low-speed drives.

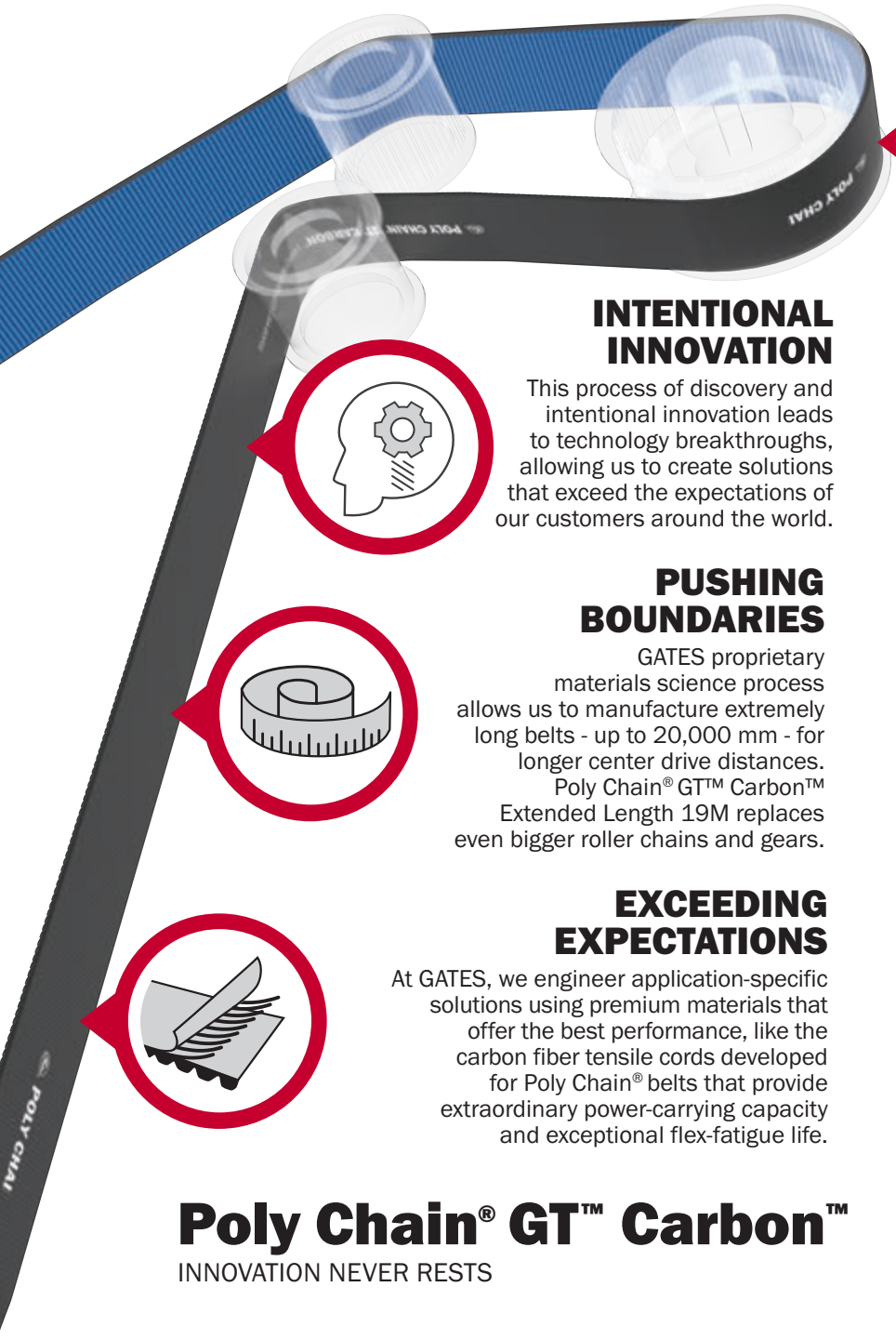
Poly Chain® GT™ Carbon™

ENGINEERED AS IT SHOULD BE

ELIMINATE ROLLER CHAIN BECAUSE

OPERATIONAL CHALLENGES WERE MEANT TO BE OVERCOME

DRIVEN BY POSSIBILITY™



INTENTIONAL INNOVATION

This process of discovery and intentional innovation leads to technology breakthroughs, allowing us to create solutions that exceed the expectations of our customers around the world.

PREMIUM PERFORMANCE

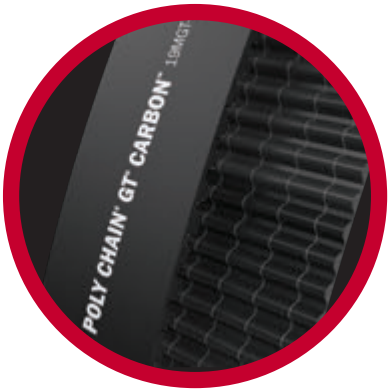
Our Materials Scientists engineered Poly Chain® GT™ Carbon™ belts for maximum flexibility, efficiency, and extended life.

PUSHING BOUNDARIES

GATES proprietary materials science process allows us to manufacture extremely long belts - up to 20,000 mm - for longer center drive distances. Poly Chain® GT™ Carbon™ Extended Length 19M replaces even bigger roller chains and gears.

HOW DID GATES DO IT?

MATERIALS SCIENCE INNOVATION.



EXCEEDING EXPECTATIONS

At GATES, we engineer application-specific solutions using premium materials that offer the best performance, like the carbon fiber tensile cords developed for Poly Chain® belts that provide extraordinary power-carrying capacity and exceptional flex-fatigue life.

Poly Chain® GT™ Carbon™

INNOVATION NEVER RESTS

THE DRIVE OF CHOICE WHEN REPLACING CHAIN

DRIVEN BY POSSIBILITY™

PERFORMANCE WINS

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

YOUR PEOPLE MATTER

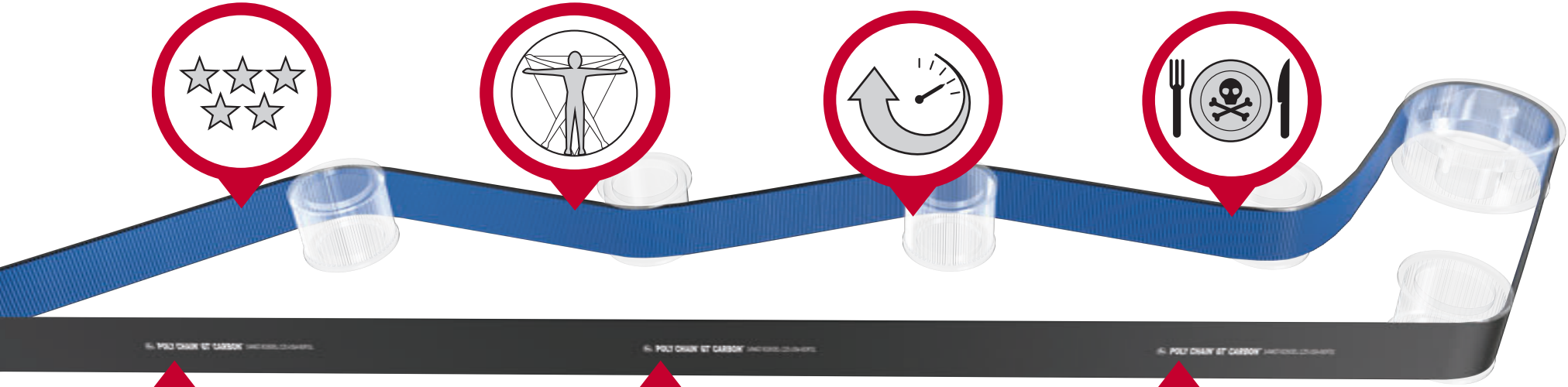
Quiet and 97% lighter than roller chain, our belt solution improves ergonomics and creates a better work environment.

OPERATIONS DEMAND EFFICIENCY

Poly Chain® GT™ Carbon™ belts lasts up to 3X longer giving you less downtime than roller chain.

CONTAMINATION COSTS

Poly Chain® belts require zero oil and never rust - eliminating the risk of contamination in food handling spaces.



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®.

REDUCES ENVIRONMENTAL RISK

Poly Chain® belts eliminate the risk of regulatory fines, ground or water contamination caused by oil leaks.

Poly Chain® GT™ Carbon™

REDEFINING WHAT'S POSSIBLE AROUND THE WORLD