



WE NEVER STOP.

**INCREASED UPTIME
INCREASED PROFITABILITY
INCREASED PERFORMANCE
OPTIMAL FLOW**



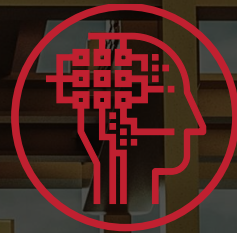


MATERIAL HANDLING & LOGISTICS IN A CHANGING WORLD.

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The COVID-19 pandemic cast the global supply chain into the spotlight and the effect of coronavirus will have a long-term impact on logistic industry demand.

This creates vast opportunities for businesses operating in the market for material handling equipment to capitalise on the new and emerging trends and possibilities.



Workflows automated across industries

20% of organisations' earnings attributed to AI

AI makes human jobs easier, faster, safer



Circular economy

Seamless collaboration

Urbanisation and aging workforces

Pandemic accelerated uptake



Evolving our roles alongside technology

Material handling only as effective as the technology it relies upon

Increasing stringent safety standards



Humans can focus on building connections

People will drive the technological change

Job addition rate +9% in 10 years

Competition for talent and reskilling



Automation redefines jobs not replaces them

34% Of current roles likely to be automated in 10 years

Humans to optimise machine performance



SUSTAINABILITY

- Gates® integrated approach to sustainability help you to ensure that your operations align with emission goals and industry regulations.
- Gates Poly Chain® Carbon™ Volt™ Supports a maintenance-free, energy saving, environmentally friendly operations.
- PowerGrip™ GT4™ Service-free: no stretch, no re-tensioning, no lubrication. Alongside being halogen-free reducing environmental impact.



GROWING ENERGY CRISIS

- Manufacturers require solutions that minimize energy resources and maximize productivity output.
- Gates' belt solutions are lightweight and longer lasting delivering exceptional efficiency in performance and providing 5% energy savings, even in intense application operations.
- Synchro-Power™ Linear is 50 – 80% lighter than roller chain drive assisting in reducing energy consumption



AUTOMATION

- Labour shortages are driving demands in manufacturing industries, the need for reliable, efficient, and high-performance power automation is increasing.
- End users are seeking new belt drive systems that can operate effectively whilst maintaining strength, flexibility and length changeability.
- MegaSys™ MXT™ fluid power hoses can be utilised for automation applications. Maintaining constant and steady pressure for smooth motion control during mechanical tasks.



DIGITALISATION & ECOMMERCE

- In 2020 the e-commerce sector dominated the market for material handling equipment. It accounted for the largest revenue share of 23.2%.
- A sudden demand for distribution as well as delivery of essential goods including grocery items amidst the lockdown restrictions favoured market growth.
- Lighter, more durable products enabled the manufacture of compact machinery helping to address these challenges.



WHEN IT COMES TO MATERIAL HANDLING AND LOGISTICS, EVERYTHING DEPENDS ON FLOW

- From raw material handling to transportation, production to warehousing, and logistics to distribution, every part of material handling and logistics requires the ability to work seamlessly with its counterpart, for an optimised supply chain that never stops.
- As the demand for eCommerce, instant delivery and speed also increase, Gates is continually evolving to deliver advanced product solutions to help you meet the ever-changing challenges within your business, addressing even the most diverse challenges and exceeding industry expectations.

STREAMLINE SUPPLY CHAIN EFFICIENCY AND MEET EVER CHANGING CHALLENGES WITH GATES.



WE NEVER STOP



INCREASED UPTIME + INCREASED PROFITABILITY + INCREASED PERFORMANCE =
OPTIMAL FLOW



WE NEVER STOP INNOVATING...

Future-proof end-to-end material handling and logistics operations by implementing innovation to increase uptime, reduce maintenance and lower overall total cost of ownership – with longer-lasting solutions that won't need replacing.

Superior Power Transmission, TPU and Fluid Power products

- A global leading manufacturer offering tailored services to match your requirements with all solutions built with the customer in mind
- Our experts are on-hand to help find you the exact belt or hydraulic hose that you need, right when you need it.

Pushing the boundaries of materials science and human ingenuity to engineer application-specific solutions, continually exceed expectation and deliver the best possible solution to address customers' needs.





Poly Chain[®] Carbon[™] VOLT[™] belts ensure all your applications operate to the highest safety specifications available.

- 96% lighter than roller chain and 3x longer lifetime
- Environmentally friendly: made without harmful chlorinated compounds
- Built-in durability that's rust and oil free with **no re-tensioning or lubrication**
- Drastic noise and vibration reduction, even in high-speed situations
- Improved ergonomics: our products are safer to work with during installation, eliminating the risk of accidents and increasing sustainability in transportation
- Superior resistance: nylon fabric protects the surface from acids, chemicals, and water
- The perfect solution for demanding applications with an increased temperature range of -54°C to + 85°C





PowerGrip™ GT4™ is the belt-driven solution for narrower drives. It offers a wider temperature range capability, improved chemical resistance and higher power capacity.

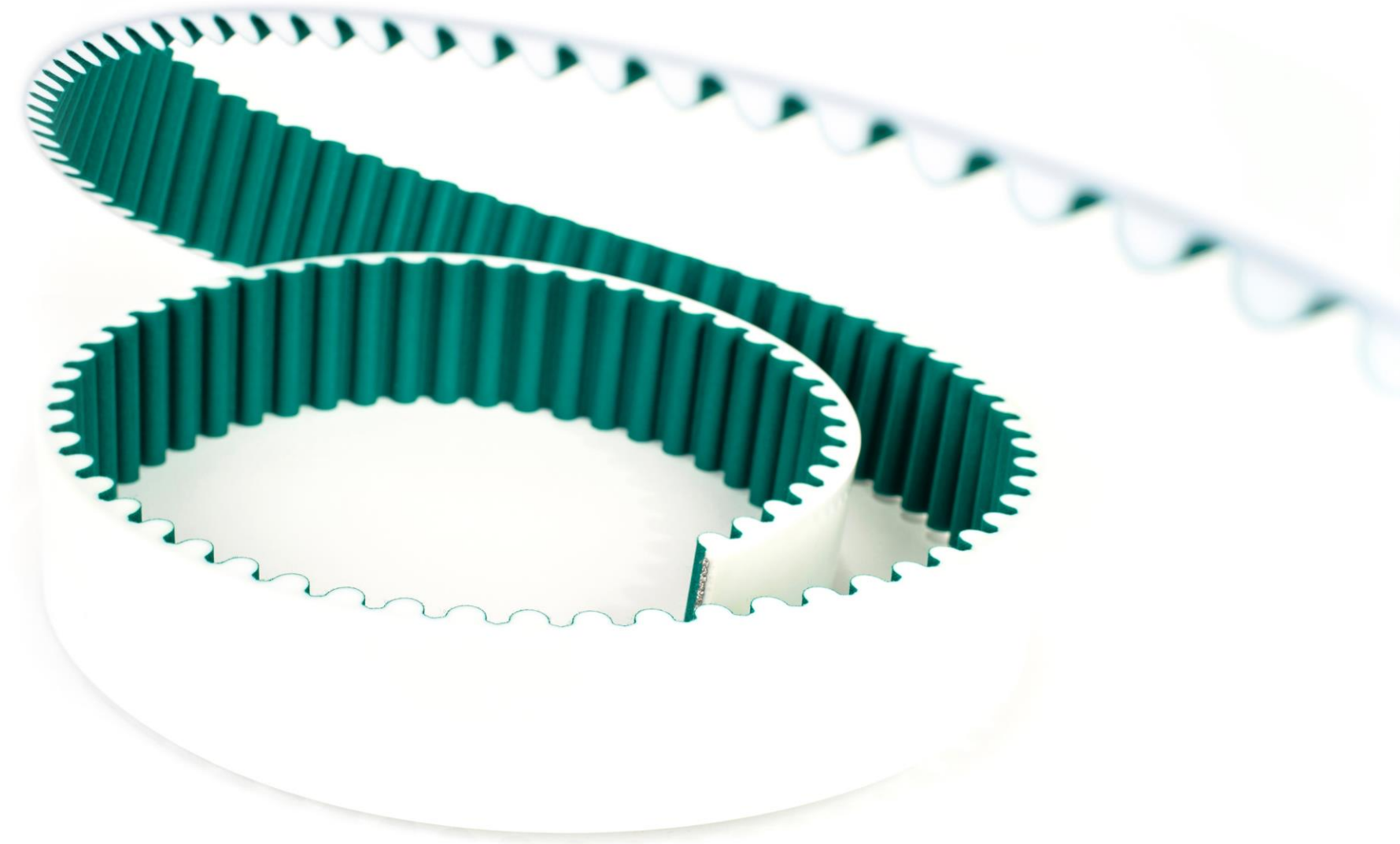
- With a temperature range of -40°C to 120°C (140°C intermittent) PowerGrip™ GT4™ can power oven exhaust fans where conventional belts fail
- Higher power-carrying drives enable you to design compact, lightweight and cost-effective drives.
- Lubrication-free design eliminates oil contamination, and no re-tensioning cuts maintenance costs





Superior performance in every application with the intense strength and long-lasting durability of Gates® TPU Linear Timing Belts.

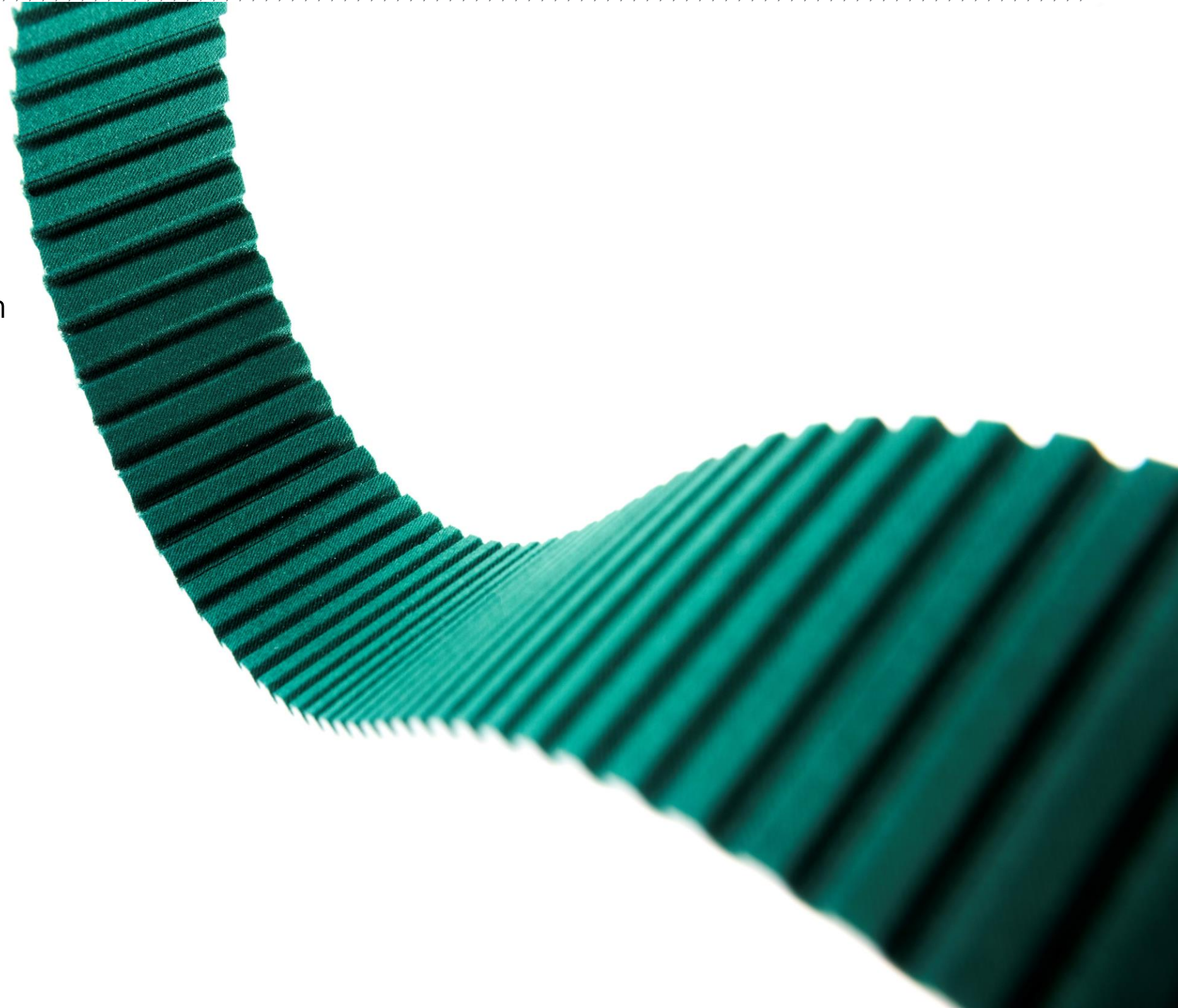
- Less weight, less worry: 50 – 80% lighter than roller chain drive and enhanced ergonomics with easy fitting and **reduced weight**
- Environmentally friendly surface offers **superior resistance to oil, chemical and water contact** with no lubrication pollution
- Longer lasting operations with a **3x lifetime guarantee vs steel cable**
- Keep downtime down and uptime up with **no maintenance checks required**





Synchro-Power™ Flex has truly endless construction for unlimited possibilities up to 22.9m in length

- Superior strength extruded thermoplastic polyurethane, ideal for heavy load conveying and high-power transmission
- Synchronous tracking to handle specific application requirements with ease
- Helically wound cords, resin grades and various types of steel reinforcement available for wide fields of applications.
- Over 3,000 designs for welded profiles with engineering support for customized designs





Synchro-Power™ Flat is high strength and low stretch for exceptional performance

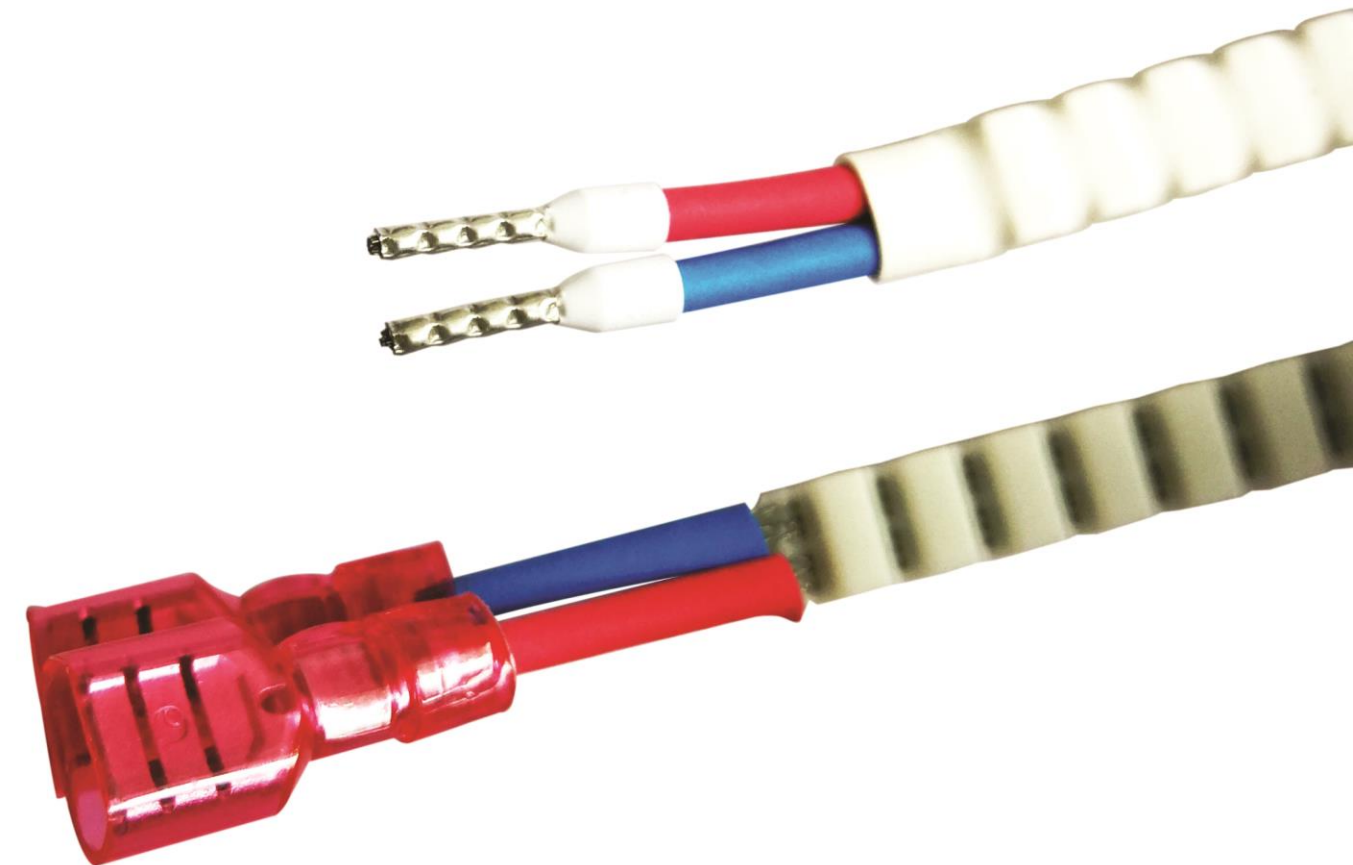
- High-strength durability for optimised operations, requires no maintenance, repair, or overhaul
- Built-in durability to tackle applications such as lift systems, forklifts, and scissor-lift tables
- Countless customisation options with combinations of tensile member materials and several urethane grades
- Superior steel reinforcement to handle the most demanding applications with extreme tensile strength and increased belt life





An advanced Synchro-Power™ Linear belt that is powered by electricity

- Incorporating the high tensile steel strength reinforcement of TPU e-belts while transmitting electrical signal or power up to 24V DC
- Cost and space saving this compact solution reduces the need for separate electrical cables and cable guiding systems
- Exposed steel cords at the belt ends for electrical connector attachment, can be cut to customise to necessary length
- Meets EU, RoHS, and REACH required standards.





Endless belts mean infinite design possibilities for every application

- Over 30 backing materials for cushion, durability, and desired coefficient of friction – **truly customised solutions**
- Belt types can be **modified with additional surface finishing** to meet application needs
- Excellent resistance to abrasion and **chemical resistant** for a broad range of applications
- Numerous levels of cushioning and **ability to increase or decrease in the coefficient of friction.**





MXT™ & MXT-XTP™ the next-generation premium hydraulic hose

- Tested to 3x industry standard impulse criteria for the most demanding multi-use fluid power applications
- Engineered for exceptional durability and high performance
- Lightweight and up to 40% lower force-to-bend for easier cross-functional handling
- Robust and reliable for optimum performance with optional XtraTuff™ cover for increased abrasion and ozone resistance



Companies face increased challenges in this new era of material handling and will be looking at new equipment to overcome the challenges and help gain a competitive advantage.

YOUR CHALLENGE

- Reduced Maintenance for reduced downtime, and as a by-product, increased revenue
- Greater power and load capacity and more efficient machinery and processes with increased uptime
- Sustainability business measures and regulations. Safer drive solutions with reduced health and safety risks

OUR SOLUTION

- Gates reliability, durability and superior products reduce downtime, reduce or eliminate maintenance, decrease TCO and often with green solutions
- Lighter equipment for improved efficiency and reduced emissions. Minimal maintenance meaning increased productivity, hygiene and cost savings
- Design advantages with constant innovation and agility to stay ahead of industry trends, regulation and developments





ALL OUR SERVICES ARE BUILT TO BENEFIT EVERY ASPECT OF YOUR BUSINESS, SO YOU CAN FOCUS ON GETTING THE JOB DONE EFFECTIVELY. AND WE'LL MAKE SURE YOUR OPERATIONS ARE OPTIMISED EFFICIENTLY TOO.

COMPLETE SYSTEM SUPPLIER

Gates® offer a one-stop solution with all drives designed together to work efficiently, for guaranteed supply continuity and reliability across all system applications

ENGINEERING DESIGN TOOLS

Design Power™ software platform offers multiple design tools to find Gates belt solutions for your chain conversion. A streamlined design process with automatic synching to the Gates catalogue and direct access to the latest products, specifications, ratings and pricing

GLOBAL PLAYER, REGIONAL PRODUCTION

In-region accessibility ensures reliable part availability with shorter lead times and significantly reduces CO₂ emissions from freight product transportation



OPTIMISING MATERIAL HANDLING AND LOGISTICS

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The vision, focus, and determination to see opportunity in every challenge have shaped Gates® into what it is today. We push the boundaries of materials science and human ingenuity to engineer application-specific solutions that continually exceed expectations. From the most extreme environments to those more familiar, Gates is there with the right product and the right capabilities.

At Gates we know you never stop and neither do we.

GATES® WE NEVER STOP.

