



DRIVEN BY POSSIBILITY™

INTRODUCING **POWERGRIP™ GT™ EXTEND™** 8MGTE AND 14MGTE





DRIVEN BY POSSIBILITY™

THE LATEST IN INDUSTRIAL RUBBER SYNCHRONOUS TECHNOLOGY:

POWERGRIP™ GT™ EXTEND™ 8MGTE AND 14MGTE

IMPROVE THE TOTAL COST OF OWNERSHIP FOR YOUR INDUSTRIAL BELT DRIVE NEEDS.

Engineered with the latest in advanced technology and materials science expertise, **Gates® PowerGrip™ GT™ Extend™** is an innovative addition to our standard synchronous belt portfolio, delivering improved performance for a wide range of low-to-medium duty industrial applications.

The 8MGTE and 14MGTE pitches are the optimum choice for high performance drives in the machine tool, paper and textile industries where durability and low maintenance are required. A high-performing belt replacement solution, **PowerGrip™ GT™ Extend™** delivers excellent power-carrying capacity in all HTD, RPP and GT sprockets with increased chemical resistance and larger temperature range capability – resulting in a premium, value-driven belt solution for our customers.

FEATURES + BENEFITS

The most advanced combination of materials and technology enable:

- High power-carrying capacity particularly vs. previous HTD generation belts
- No lubrication and less re-tensioning eliminates maintenance costs throughout the life of the belt
- Larger temperature range capability
- Environmentally Friendly – Made without harmful chlorinated compounds





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PRODUCT COMPARISON

| | GT™ EXTEND™ | GT4™ |
|-------------------------|--|--|
| APPLICATION TYPE | Light-to-Medium Duty | Heavy Duty |
| BEST USE | Replace existing HTD belts Price-sensitive markets Cost-conscious customers Emerging markets Environmentally conscious Extreme low/high temps | Always the belt to lead with All new PT drives Replace existing GT3™ belts High torque Longer expected life cycle Environmentally conscious Extreme low/high temps |
| COMPOUND | Non-Fiber-Loaded Ethylene Elastomer: Excellent price-to-power ratio with improved performance in extreme temperatures | Fiber-loaded Ethylene Elastomer: High tooth stiffness excellent for use in higher torque applications |
| CORD | Traditional Fiberglass | Specially-treated Fiberglass: Higher resistance to flex fatigue and superior adhesion strength for long lasting performance |
| FABRIC | Traditional Nylon | Wear-resistant Nylon Weave: More resistant to harsh and extreme environments |

GT™ EXTEND™ - KEY POINTERS

ADVANTAGES OF NEW ELASTOMER

- Delivers excellent power capacity, providing a significant advantage over previous HTD product
- Enables application of belts in high and low temp environments – Fully operational in a wide range of temperatures from -22 °F to +212 °F (-30 °C to +100 °C); can be used to 248 °F (120 °C) intermittently
- Environmentally Friendly – Made with non-chlorinated compounds
- Maintains performance in all but fully submerged grease and oil environments (very rare application) – Intermittent contact with grease and/or oil will not adversely affect performance

GATES INDUSTRIAL SYNC PRODUCT COMPARISON

GT™ EXTEND™: The perfect solution for low-to-medium duty applications and/or with price sensitive customers; generally a lower priced, higher performing replacement for previous HTD belt market position

GT4™: Class leading, high performing solution for all applications, markets and customers

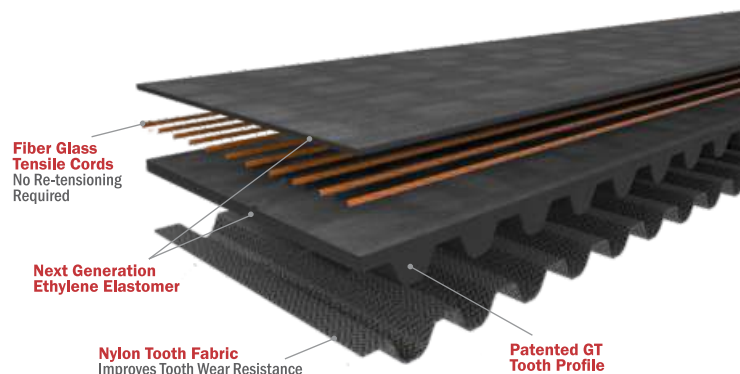
POLY CHAIN®: Dominant chain-to-belt conversion solution for the highest, most demanding applications

HTD: Poor Market Positioning Should be replaced by GT4™ or GT™ Extend™ in most situations

HOW DID GATES DO IT?

INNOVATION FUELED BY MATERIALS SCIENCE

- Next Generation EPDM Compound – Allows for application of belts in high and low temperature environments
- Utilizing All New Advanced Materials – Gates designed a belt that significantly improves power capacity, along with increased chemical resistance
- Environmentally Friendly – PowerGrip™ GT™ Extend™ belts use non-chlorinated compounds
- More Choices – PowerGrip™ GT™ Extend™ belts complement the existing Gates portfolio, providing optimized application-specific solutions for our customers





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GATES® POWERGRIP™ GT™ EXTEND™ BELTS:

HIGH-PERFORMANCE SYNCHRONOUS BELT DRIVE SOLUTIONS

Backed by 100 years of innovation, Gates introduces yet another new belt-driven solution – PowerGrip™ GT™ Extend™ is a targeted product developed specifically for low-to-medium duty industrial customers. We listened when our customers shared their challenges and needs, and used our extensive material science expertise to develop a belt with improved performance levels and reduced total cost of ownership capabilities.

INDUSTRIES + END MARKETS

- Textile + Laundry
- Stationary Machinery + Tools
- Pulp + Paper
- Food Processing
- Packaging + Automation

INDUSTRIES:

- Fans + Pumps
- Conveyor Systems
- Industrial Machines
- Compressors + Centrifuges
- Horizontal + Vertical Positioning

SECTIONS + DIMENSIONS

| Section | Pitch | Tooth Height | Belt Height | Length Range |
|---------|-------|--------------|-------------|--------------|
| 8 MGTE | 8.0 | 3.4 | 5.6 | 560 - 4400 |
| 14 MGTE | 14.0 | 6.0 | 10.0 | 966 - 4326 |

OPTIMIZED APPLICATION-SPECIFIC SOLUTIONS

WHY POWERGRIP™ GT™ EXTEND™?

HIGH PERFORMANCE

- Higher Power Capacity for Optimum Performance
- Larger Temperature Range
- Improved Chemical Resistance

MORE FLEXIBLE FOR MORE APPLICATIONS

- Rust Free + Safe for Use in Food Handling Spaces
- High Tooth Jump Resistance
- Made Without Harmful Chlorinated Compounds

PRODUCT SPECIFICATIONS:

Fully operational in a wide range of temperatures from -22 °F to +212 °F (-30 °C to +100 °C); can be used to 248 °F (120 °C) intermittently

Static conductive (ISO9563)

POWERGRIP™ GT™ EXTEND™ SKU LIST

| SR.# | ITEM CODE | DESCRIPTION | SR.# | ITEM CODE | DESCRIPTION | SR.# | ITEM CODE | DESCRIPTION |
|------|-----------|-------------|------|-----------|-------------|------|-----------|-------------|
| 1 | 9538-S154 | 560-8GTE | 19 | 9538-S172 | 1280-8GTE | 37 | 9538-S190 | 1400-14GTE |
| 2 | 9538-S155 | 600-8GTE | 20 | 9538-S173 | 1336-8GTE | 38 | 9538-S191 | 1610-14GTE |
| 3 | 9538-S156 | 640-8GTE | 21 | 9538-S174 | 1440-8GTE | 39 | 9538-S192 | 1750-14GTE |
| 4 | 9538-S157 | 720-8GTE | 22 | 9538-S175 | 1600-8GTE | 40 | 9538-S193 | 1778-14GTE |
| 5 | 9538-S158 | 800-8GTE | 23 | 9538-S176 | 1760-8GTE | 41 | 9538-S194 | 1890-14GTE |
| 6 | 9538-S159 | 840-8GTE | 24 | 9538-S177 | 1800-8GTE | 42 | 9538-S195 | 2100-14GTE |
| 7 | 9538-S160 | 880-8GTE | 25 | 9538-S178 | 2000-8GTE | 43 | 9538-S196 | 2310-14GTE |
| 8 | 9538-S161 | 920-8GTE | 26 | 9538-S179 | 2200-8GTE | 44 | 9538-S197 | 2450-14GTE |
| 9 | 9538-S162 | 960-8GTE | 27 | 9538-S180 | 2400-8GTE | 45 | 9538-S198 | 2590-14GTE |
| 10 | 9538-S163 | 1008-8GTE | 28 | 9538-S181 | 2600-8GTE | 46 | 9538-S199 | 2800-14GTE |
| 11 | 9538-S164 | 1040-8GTE | 29 | 9538-S182 | 2800-8GTE | 47 | 9538-S200 | 3094-14GTE |
| 12 | 9538-S165 | 1064-8GTE | 30 | 9538-S183 | 3048-8GTE | 48 | 9538-S201 | 3150-14GTE |
| 13 | 9538-S166 | 1104-8GTE | 31 | 9538-S184 | 3280-8GTE | 49 | 9538-S202 | 3360-14GTE |
| 14 | 9538-S167 | 1120-8GTE | 32 | 9538-S185 | 3600-8GTE | 50 | 9538-S203 | 3500-14GTE |
| 15 | 9538-S168 | 1160-8GTE | 33 | 9538-S186 | 4400-8GTE | 51 | 9538-S204 | 3850-14GTE |
| 16 | 9538-S169 | 1168-8GTE | 34 | 9538-S187 | 966-14GTE | 52 | 9538-S205 | 4326-14GTE |
| 17 | 9538-S170 | 1200-8GTE | 35 | 9538-S188 | 1148-14GTE | | | |
| 18 | 9538-S171 | 1224-8GTE | 36 | 9538-S189 | 1190-14GTE | | | |

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