# GATES INDUSTRIAL POWER TRANSMISSION

**PRODUCT CATALOGUE** 

2022-23

# **ANJANEYA BELTINGS**

No. 9/406A, 1st street, Sakthi Nagar Thrisulam, Chennai - 600043.

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**DRIVEN BY POSSIBILITY** 

#### GATES INDUSTRIAL POWER TRANSMISSION



### SYNCHRONOUS PRODUCT RANGE

A.K. Rao Nilayam, No. 9/405-1st Street, Sakthi Nagar, Tirusulam, Chennai - 600 043. Mobile No: 98400 - 43808



## PowerGrip™ GT3™/GT4™ Belts

Discover the superior performance, uptime, reliability and total cost of ownership and Gates® PowerGrip™ GT4™ belts for factories, plants and other industrial equipment.

- Outperforms all other synchronous rubber belts
- Ungraded Fiberglass tensile cord provides high strength, excellent flex life, and high resistance to elongation
- Transmits up to 30% more power than previous generation
- Static Conductive to ISO9563 as a standard feature

| PowerGrip® GT® belts | Pitch<br>mm | T<br>mm | B<br>mm |
|----------------------|-------------|---------|---------|
| 5MGT                 | 5           | 1.92    | 3.81    |
| 8MGT                 | 8           | 8       | 5.9     |
| 14MGT                | 14          | 14      | 10.2    |

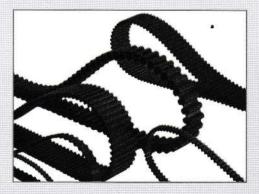


## Poly Chain® GT® Carbon™ Belts

- Able to outperform roller chain in even the most demanding high torque applications
- Patented use of Carbon Fibre as the tensile cord in this belt
- Provides increased horsepower rating for greater power density compactness and increased flexibility

| Poly Chain® GT®<br>Carbon™ Belts | Pitch<br>mm | T<br>mm | B<br>mm |
|----------------------------------|-------------|---------|---------|
| 8MGT                             | 8           | 3.4     | 5.9     |
| 14MGT                            | 14          | 6.0     | 10.2    |

<sup>\*</sup>Extended made to order lengths



## PowerGrip® Twin Power® Timing Belts

- Precision-formed elastomeric teeth and body
- Nylon fabric on both tooth sides resists wear
- Fibreglass tensile member resists elongation and offers excellent flex life

PowerGrip® Twin Power® Timing Belts

Available in classical HTD, GT/2

#### **GATES INDUSTRIAL POWER TRANSMISSION**



#### **HEAVY DUTY V-BELT RANGE**

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#### Polyflex® JB™ Belts

- · Joined belt construction enhances belt stability
- · Small cross-section suited for small drives
- · Ribs ensure lateral rigidity & relieve bending stress

| Polyflex® Belts | Width (mm) | Height (mm) |
|-----------------|------------|-------------|
| 3M              | 3          | 2.3         |
| 5M              | 5          | 3.3         |
| 7M              | 7          | 5.3         |
| 11M             | 11         | 7.1         |



#### Micro-V® Belts / Poly-V Belts

- · High Flexibility, reduced heat build suitable for flat pulleys
- Polyester Cords for high Flexibility, low elongation
- Static conductive No build-up of static electricity
- · Fibre-Loaded compound with stabilisation of cords
- · Oil, heat and ozone resistant

| Section | Pulley Groove Pitch (mm) |  |
|---------|--------------------------|--|
| PJ      | 2.34                     |  |
| PK      | 3.56                     |  |
| PL      | 4.70                     |  |
| PM      | 9.40                     |  |



#### Quad-Power® 4

- By using innovative minimal-stretch cord technology, Gates® Quad-Power® 4 bandless V-belts are free of maintenance. Unlike conventional belts, the Quad-Power® 4 V-belt does not suffer from severe tension decay in the first hours after installation. So no run-in period nor any re-tensioning is required. This new generation of SERVICE-FREE EPDM belts are designed to extend product life time eliminating costly downtime for re-tensioning, repair and replacement
- EPDM rubber compound to ensure a long service life and a wear resistant belt under extreme temperatures.
- Minimal-elongation polyester tensile cords allow for stable tension over the entire lifetime.
- Service-free V-belt with high stability on the toughest drives.

#### **GATES INDUSTRIAL POWER TRANSMISSION**



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## PowerGrip™ GT™ EXTEND™

- High power carrying capacity, particularly vs. previous HTD generation belts
- No Lubrication and less re-tensioning eliminates maintenance cost throughout the life of the belt
- Larger temperature range capability
- Environmentally Friendly- Made without harmful Chlorinated Compounds

| Section | Section | Tooth Height | Belt Height | Length Range |
|---------|---------|--------------|-------------|--------------|
| 8 MGTE  | 8.0     | 3.4          | 5.6         | 560-4400     |
| 14 MGTE | 14.0    | 6.4          | 10.0        | 966-4326     |



#### **PowerGrip™ Flexible Couplings**

- · A positive dry coupling that never requires lubrication
- A Strong, highly efficient positive coupling for absorbing load pulsation and shocks
- Variation in length: The overall length of the PowerGrip™
   Flexible Coupling is easily varied by simply changing the
   length of the sleeve



## 30 lbs Pencil Type Tension Tester

- Maximum Deflection force: 30lbs.
- · For use with all small V- belts and Synchronous belts.

#### Sonic Tension Meter - Model 550C

- Determine the degree of loads and tension of your belt installations with utmost precision
- Applicable to a V-belt, a V-ribbed belt, or a synchronous belt, the device analyses sound waves from the belt through the sensor and delivers an accurate tension measurement without delay
- This is essential for the optimum performance and reliability of your belt drives

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