

# **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™**



**ANJANEYA BELTINGS**

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Chennai - 600 043.

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## SYNCHRONOUS PRODUCT RANGE



### 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 belts
- Static Conductive to ISO9563 as a standard feature

PowerGrip® GT® belts	Pitch mm	T mm	B 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® Carbon™ Belts	Pitch mm	T mm	B mm
8MGT	8	3.4	5.9
14MGT	14	6.0	10.2

\*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



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## HEAVY DUTY V-BELT RANGE



### 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.



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**SYNCHRONOUS PRODUCT RANGE****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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