

Conti Synchronflex Gen III Timing Belts

BONDY

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For ordering and questions call

(+45) 70 15 14 14

High-power version GEN III

CONTI SYNCHROFLEX® Timing Belt (SFX) AT GEN III / ATP GEN III



A powerful basis

The combination of high tensile steel cord tension members and wear resistant polyurethane forms the basis for dimensionally stable and extremely durable high-performance timing belts. A convincing technology with excellent product features that include:

- constant length, no post-elongation
- high dimensional stability
- high-torque transmission
- quiet running
- maintenance-free
- lubrication-free
- highly chemical resistant and mechanically durable

Each generation is different.

GEN III is better!

It was worth its while to focus on further developing the power drives of the AT and ATP range CONTI SYNCHROFLEX® polyurethane timing belts because the new GEN III generation excels in a 25% increase in power transmission compared with the AT/ATP standard. Another economic bonus: all CONTI SYNCHROFLEX® GEN III polyurethane timing belts support the use of standard AT/ATP pulleys.

Mulco partners everywhere agree that advancement is synonymous to providing solutions for every product at a level of sophistication down to the smallest detail. A bifilar tension member arrangement and a higher packing density translates this into the CONTI SYNCHROFLEX® GEN III polyurethane timing belt for the AT and ATP ranges.

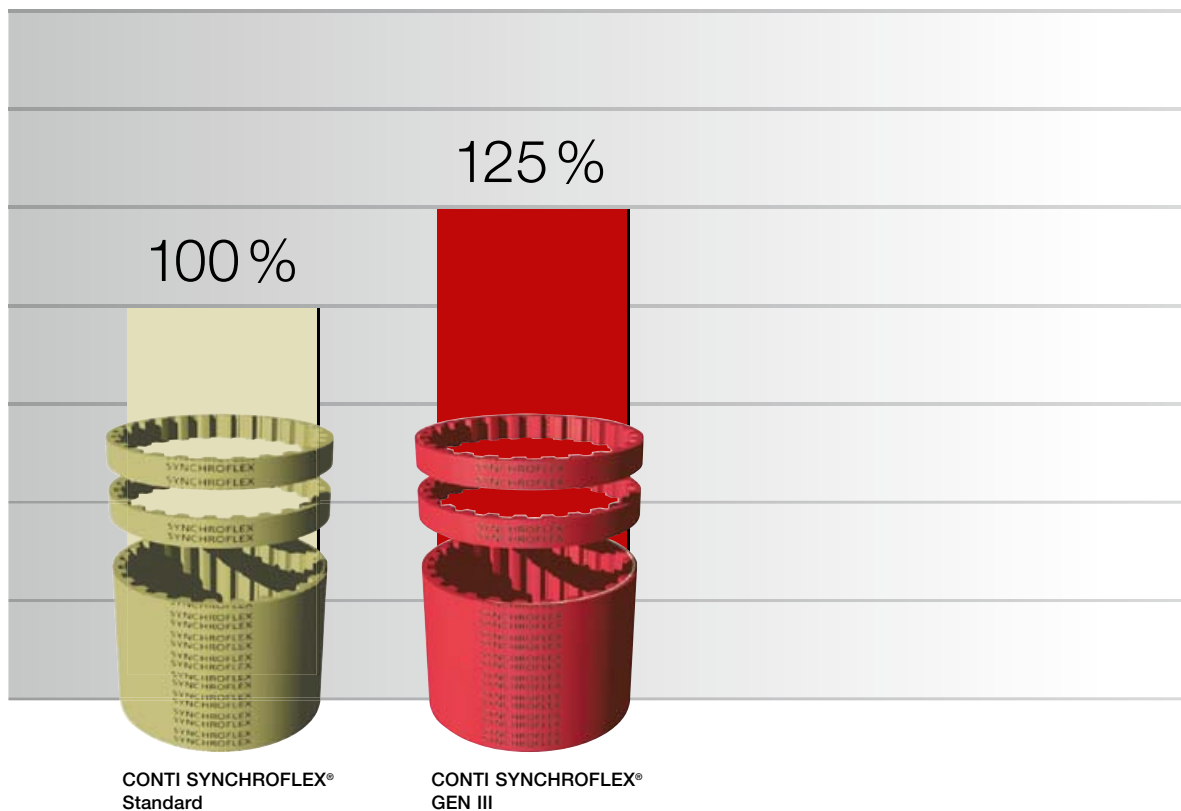
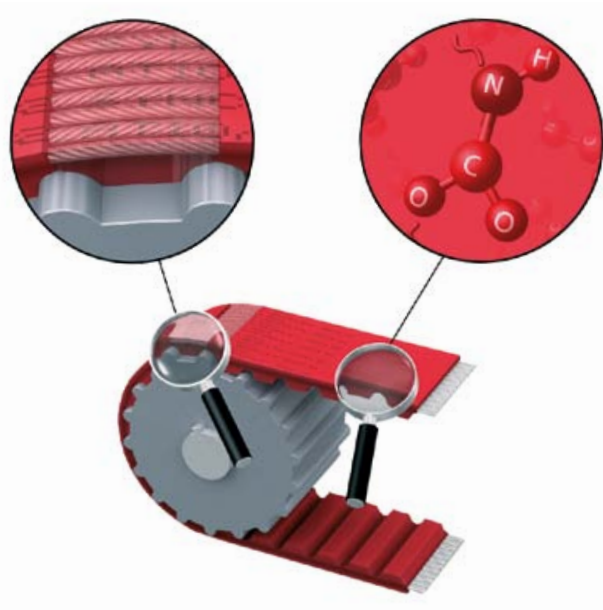
The high-performance polyurethane designed for dedicated use with the CONTI SYNCHROFLEX® GEN III polyurethane timing belts yields greatly improved benchmark results compared with the standard. One of the benefits is that its increased hardness allows line engineers to count on a larger number of load-carrying teeth.

CONTI SYNCHROFLEX® GEN III – with up to 25% greater power transmission compared with the AT / ATP standard:

- increased tensile force F_{zul} to max. +45% due to closer wound cords
- Increased power transmission F_{spec} +25%
- redesigned bifilar steel (S and Z) cord balance for better tracking
- reduced flange friction
- lower running noise with narrower belt width for equal performance
- longer life
- load bearing teeth force distribution – increased by up to 30%
- temperature range up to +100° C
(For performance values close to the range limit, please contact your Mulco sales partner.)

Two-filament tension member arrangement

New high performance polyurethane



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Transmission



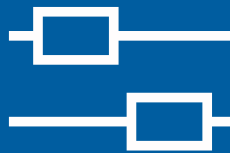
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