



MT6 MICRO-V® BELT

MT6 construction has been designed as a response to the market needs with three main objectives: cost reduction, noise robustness and durability improvement versus current production. This has been achieved with a design including few changes versus standard manufacturing process and new rib EPDM compound formulation including optimized fiber loading. Geometrical changes have ended up with a high flexible belt which maintains its load carrying capability compared to current production and becoming best in class for the combination flex/load performance with in top of that a weight reduction of about 20%. Changes in process for the back of the belts have resulted in an improvement of belt noise robustness by achieving consistent dimensions and surface without irregularities. The design of this belt includes the ability of providing tensile modulus range for Accessory Belt Drive System (ABDS) tuning.

PARAMETER	VALUE
Length Range	~ 600 – 3000 mm
Modulus range	~ 20,000 – 90,000 N/rib
Tension Decay	~ < 45% (PET)
Tension Rating	~ 235 – 400 N/rib steady state
Ambient Temperature Range	~ -40°C – +125°C
Lifetime	~ 240,000 km



Welded jacket with consistent dimensions and surface for noise robustness

PET and Aramid cord optional for ABDS tuning to minimize accessory drive NVH

New **EPDM Rib Rubber** formulation includes optimized fiber loading for noise robustness with excellent durability

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