

PRODUCT BRIEF



MT5+ HIGH LOAD EPDM MICRO-V®

RIB REDUCTION

MT5+ construction has been developed as an answer to the needs of power transmission in high loaded ABDS systems. It has excellent performance to high torsional requirements and allows reducing the number of ribs in a standard drive. Belt is required to sustain high loads (up to 40Nm) in serpentine conditions. Important for high load applications is the high modulus and high modulus retention of the belt in order to continue to transmit the power.

EMD APPLICATIONS

Thanks to the improvements to the adhesion system and the development of a compound with a higher load capability, the load capacity of the belt has been increased to live up with the demanding engine starting requirements. The main characteristics of the high load belt are:

- > A lifetime of 240,000 km and 500,000 starts
- > High load and flex capacity
- > Silent operation
- > Packaging within the existing belt width

PARAMETER	VALUE
Length Range	~ 600 – 3,000mm
Modulus range	~ 60,000 N/rib
Tension Decay	~ < 45%
Tension Rating	~ 400 N/rib steady state
Ambient Temperature Range	~ - 40°C – +125°C
Lifetime	~ 240,000 km – 500,000 starts



For more information:

Asia: InfoAOEAsia@gates.com
Europe: InfoAOEEU@gates.com
North America: InfoAOENA@gates.com

© Gates Corporation 2013

Gates.com The manufacturers reserve the right to amend details where necessary.