



Ethylene V-Belt technology

YOUR BEST DEFENSE AGAINST BELT FAILURE.

PERFECT BELTS FOR IMPERFECT CONDITIONS.

Over time, belts fail from heat cracks, stretching or excessive wear. Belt retensioning and replacement leads to downtime, inefficiency and loss of productivity. Only Gates molded notch V-belts offer a patented, new ethylene construction to keep you running when others fail.

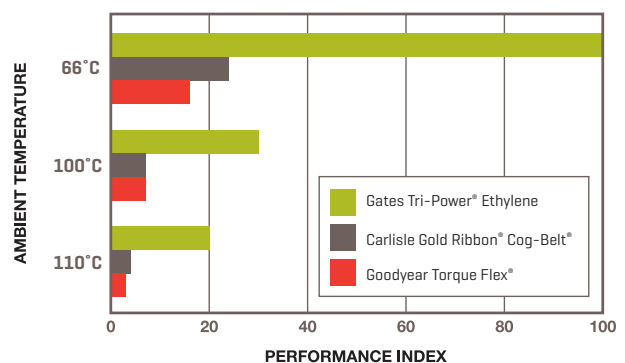
LONGER LIFE AT EXTREME TEMPERATURES

- > Ethylene rubber material resists hardening to avoid cracking
- > 88% broader temperature range compared to other belts
- > Meets ARPM/RMA standards for oil and heat resistance as well as static conductivity

Expanded Belt Temperature Range



V-Belt Crack Resistance At High Temperatures



TEST CONDITIONS: Controlled laboratory environment; loaded test; inside sheaves; AX41 belts.



» Ethylene belts hold up better in extreme operating conditions including the stifling conditions inside a belt guard.

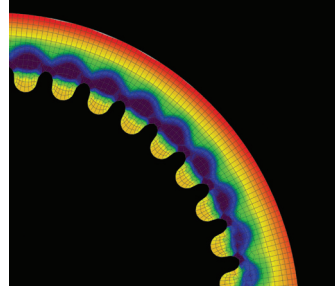


A Better Belt. A Better Value.

GREATER EFFICIENCY

- > Raw edge, molded notch construction saves up to 3% on energy costs over wrapped belts
- > Specially engineered molded notch shape reduces bending stresses
- > Improved flexibility for increased performance on small pulley diameters

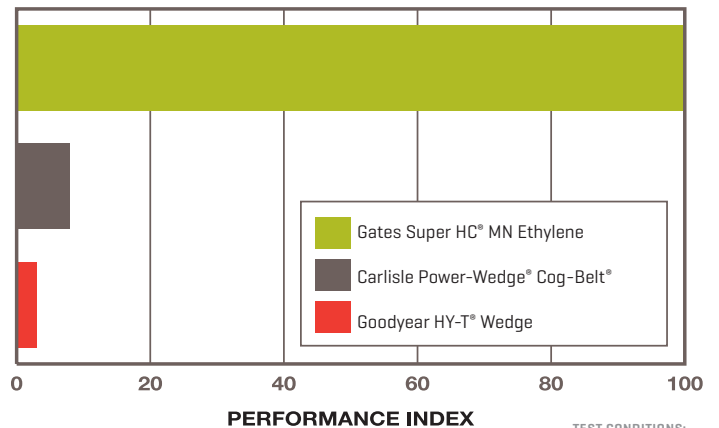
Molded Notch Bending Stress



SMOOTHER RUNNING

- > Precision machined belt side walls reduce vibration for extended component life
- > Ethylene belts tolerate misalignment better than the competition
- > Flex-bonded cords remain stable and resist stretch better than ever

V-Belt Performance At 3° Misalignment



TEST CONDITIONS:
Controlled laboratory environment;
high horsepower dynamometer;
inside pulleys misaligned 3 degrees;
5VX950 v-belt.

A BETTER BELT. A BETTER VALUE.

- > All Gates Super HC® MN and Tri-Power® molded-notch V-belts have been upgraded to our exclusive patented Ethylene construction
- > 8VX cross section sizes available

	SUPER HC® MOLDED NOTCH	TRI-POWER®
SINGLES	3VX, 5VX, 8VX	AX, BX, CX
POWERBANDS	3VX, 5VX	Coming 2013

For more information on what Ethylene technology can do for you, visit www.gates.com/epdm

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