



# GOODYEAR MATCHMAKER® SYSTEM

Controlling the stretch is the key to matchless performance. Since all materials will stretch in performance, the secret to reliable matchless performance isn't to eliminate elongation, but to control it so it is minimal, predictable, and uniform.

The 3-T process removes excess stretch and imparts exceptional dimensional stability. The 3-T process ensures that each belt in a given size will match every other belt of that size, no matter when the belts were produced.

Goodyear's Vytacord™ tensile members are treated with our 3-T process of:

- Temperature
- Tension
- Time

## V-Belt Permissible Deviation from Nominal Length - Envelope Narrow Profile Industry Standard

| Product Length        | Range         |
|-----------------------|---------------|
| 0" to 50" - 63/64"    | 15mm (.5905") |
| 51" to 80" - 63/64"   | 20mm (.7874") |
| 81" to 100" - 63/64"  | 25mm (.9842") |
| 101" to 140" - 63/64" | 30mm (1.181") |
| 141" to 300" - 63/64" | 40mm (1.575") |
| 301" to 400" - 63/64" | 50mm (1.968") |
| 401" to 500"          | 61mm (2.400") |

Source: RMA 1P-22, 1991  
Engineering Standard "Envelope Narrow V-belts and Sheaves"

## Goodyear Matchmaker Matching Limits

| Belt Standard Effective Lengths | Range        |
|---------------------------------|--------------|
| 0" to 59" - 63/64"              | 4mm (.158")  |
| 60" to 118" - 63/64"            | 6mm (.236")  |
| 119" to 236" - 63/64"           | 10mm (.392") |
| 237" to 474" - 63/64"           | 16mm (.630") |
| 475" and up                     | 24mm (.944") |

Meets MPTA-RMA-RCA Engineering Standards for Envelope Narrow V-belts, 1991

The above "Matchmaker" matching tolerances apply to the following Goodyear belts:

- HY-T® Plus (A, B, C, D, and E)
- Torque Flex (AX, BX, and CX)
- HY-T Wedge™ (3VX, 3V, 5VC, 5V, and 8V)
- Torque Team® (HY-T and HY-T Wedge)

GENERAL  
INFORMATION