



# PROPER TENSIONING CAN IMPROVE BELT LIFE



**The number one cause of power transmission belt failure is improper tensioning.**

**The TensionRite™ Belt Frequency Meter** from Goodyear Engineered Products provides a simple, repeatable and reliable method for tensioning belts using optical technology. It displays the natural vibration frequency of a belt strand so you can closely monitor belt tension. The device calculates the corresponding belt tension in either English or SI units.

**DRIVE > CHANGE**

## FEATURES AND BENEFITS:

- **Quartz crystal based solid-state circuitry**
    - Will not drift or go out of calibration\*
    - No gain adjustment, filters or alternate sensor heads required
  - **Direct rather than indirect measurement of vibration frequency**
    - Senses movement of the belt, not the disturbances of the air adjacent to the belt
    - Unaffected by ambient noise level or air currents
  - **Meter range matches “real life” belt installation parameters**
    - The fundamental vibration frequency of most commonly used power transmission belts trends to the low end of the scale (< 400Hz). Any higher frequency capability is wasted money.
    - Meter can be used with all belt types
- \* Individual requirements may dictate the need for re-calibration to meet overall quality procedures.

**Contact your local  
Goodyear Authorized Distributor  
or visit us on the web at  
[goodyearep.com/ptp](http://goodyearep.com/ptp)**

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