



# WHITEHAWK PD™

SYNCHRONOUS



Part No: 966 14M WH 20  
 966 966mm Pitch Length  
 14M 14mm Pitch  
 WH WhiteHawk Belt  
 20 20mm wide

## APPLICATIONS

Nearly every conceivable industrial drive application where precise shaft synchronization is required. WhiteHawk Pd belts can also be used as an alternative to problem V-belt and chain drives.

- Aggregate Machinery
- Paper Industry Machinery
- Printing Trade Machinery
- Food Processing Equipment
- Packaging Machinery
- Mining Equipment
- Woodworking Machinery
- Office Equipment
- Machine Tool
- Home Appliances
- HVAC Units
- Textile Machinery
- Farm Machinery
- Vending Machines

## KEY FEATURES & BENEFITS

- Universal tooth profile drops into existing HTD sprockets.
- Quieter operation.
- High-grade Hibrex compound.
- Requires little, if any, retensioning and less drive maintenance.
- Oil, heat, ozone, and abrasion resistant.
- Designed for high-capacity performance.
- Higher horsepower rating and longer life than traditional timing belts.

## A HIGH-PERFORMANCE SYNCHRONOUS BELT WITH A UNIVERSAL PROFILE

With its universal profile, WhiteHawk Pd is precisely designed and manufactured to fit virtually every existing high-capacity synchronous application. Goodyear provides universal fit with a belt that can fulfill most existing drive requirements in its class matching competitive offerings of belt width and length.

### BELT MATERIALS THAT LAST LONGER

WhiteHawk Pd belts feature Hibrex® rubber compound. This cross-linked elastomer is formulated to resist tooth deformity and increase tooth rigidity, increasing belt life and decreasing replacement costs. Compared to other belts in its class, Hibrex is up to 17 points harder with twice the tooth shear. Its chemical stability resists the effects of oils, coolants, heat, and ozone.

Designed for higher loads and abrasion resistance, Plioguard® facing provides a reduced coefficient of friction so that the belt meshes easier with sprockets. The nylon facing is enhanced with Hibrex which can provide 6 to 7% better abrasion resistance.

The demands of synchronous drives put additional strain on the belt and tooth surface, for high speed and low speed applications. The WhiteHawk Pd tooth profile resists ratcheting and provides accurate positioning for synchronous drive applications. Upgraded Hibrex materials and tooth profile enable the teeth to engage the sprocket smoothly.

## HIGH CAPACITY PERFORMANCE

WhiteHawk Pd synchronous belts are designed for high capacity performance, exceeding the traditional speed limitations of chain and performance limitations of belt drives. WhiteHawk Pd belts are able to perform in drives ranging from fractional horsepower to 400 horsepower. The new material technology delivers a higher horsepower rating and notably longer life.

## LOWER MAINTENANCE COSTS

Unlike chain drives, WhiteHawk Pd belts and matching sprockets do not require lubrication. There is also no need for retensioning like there is for V-belts and chain belts. Install WhiteHawk Pd and watch your maintenance costs drop to practically nothing.