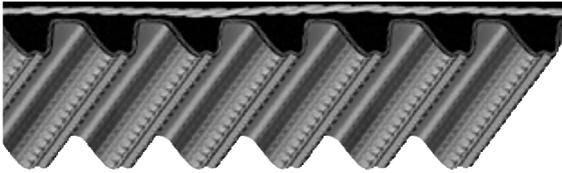


BLACKHAWK Pd™



Part No: 480 8M BH 12
 480 480 mm Pitch Length
 8M 8 mm Pitch
 BH Blackhawk Belt
 12 12 mm Wide

A HIGH-PERFORMANCE SYNCHRONOUS BELT WITH A UNIVERSAL PROFILE

For a curvilinear belt that offers maximum performance in your synchronous application, look no further than Blackhawk Pd. The high-performance belt offers best-of-breed technology and higher horsepower for the money. Its proven durability and strength makes it a compatible upgrade for many other timing belts.

BELT MATERIALS THAT LAST LONGER

Blackhawk Pd belts feature a patented high-grade rubber compound. This cross-linked elastomer is formulated to resist tooth deformity and increase tooth rigidity, increasing belt life and decreasing replacement costs. Its chemical stability resists the effects of oils, coolants, heat, and ozone.

Blackhawk Pd's Flexten tensile members provide excellent dimensional stability and high impact strength. Operating at a consistent tension, Blackhawk Pd requires little retensioning and less drive maintenance.

The demands of synchronous drives put additional strain on the belt and tooth surface for high-speed and low-speed applications. The Blackhawk Pd tooth profile resists ratcheting and provides accurate positioning for synchronous drive applications.

HIGH CAPACITY PERFORMANCE

Blackhawk Pd synchronous belts are designed for high-capacity performance, exceeding the traditional speed limitations of chain and performance limitations of belt drives. Blackhawk 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.

APPLICATIONS

Nearly every conceivable industrial drive application where precise shaft synchronization is required. Blackhawk 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

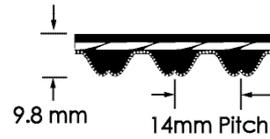
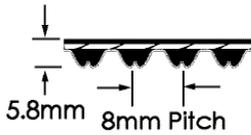
- Universal tooth profile drops into existing HTD and RPP sprockets.
- Quieter operation.
- High-grade Hibrex compound.
- Flexten tensile members provide excellent dimensional stability and high-impact strength.
- Requires little, if any, retensioning and less drive maintenance.
- Oil, heat, ozone, and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

LOWER MAINTENANCE COSTS

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



BLACKHAWK Pd™



8 M Available Sizes

Pitch Length (mm)	Pitch Length (mm)
480	1440
560	1600
600	1760
640	1800
720	2000
800	2400
880	2600
960	2800
1040	3048
1120	3280
1200	3600
1280	4400

Stock Widths: 12mm, 22mm, 35mm, 60mm

14 M Available Sizes

Pitch Length (mm)	Pitch Length (mm)
966	3150
1190	3360
1400	3500
1610	3850
1778	4326
1890	4578
2100	4956
2310	5320
2450	5740
2590	6160
2800	6860

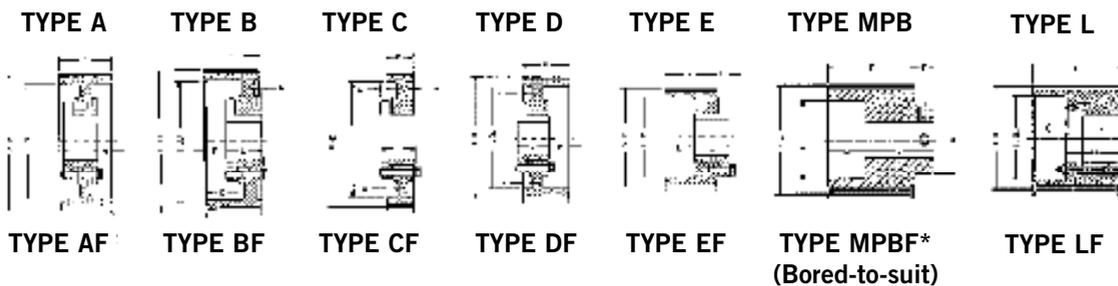
Stock Widths: 20mm, 42mm, 65mm, 90mm, 120mm

In addition to our stock lineup of synchronous belts, Goodyear can manufacture additional sizes (lengths) not listed.

BLACKHAWK Pd™ SPROCKETS

SPROCKET TYPES

The following types of sprockets are available for Blackhawk Pd Belts. Sketches are shown with the SureGrip¹ bushing in place.



The figure following the sketch reference letter in the "Type" column indicates the construction of the sprocket (1=Solid, 2=Web, and 3=Arms), and the letter "F" indicates that the sprocket has flanges.

¹SUREGRIP is a trademark of TB Wood's Incorporated

²TAPER-LOCK is a trademark of Reliance Electric Company

For full product availability and specifications,
please visit www.GOODYEARPTP.com or contact a Goodyear representative.