





TERMS & CONDITIONS OF SALE

THE INFORMATION HEREIN CONTAINED CONSTITUTES A CONFIRMATION OF CUSTOMER'S ORDER OR A CONFIRMATION OF CHANGE TO CUSTOMER'S ORDER, AS APPLICABLE, (COLLECTIVELY "CONFIRMATION") AND WHICH CONFIRMATION IS EFFECTIVE UPON VEYANCE'S DISPATCH OF THIS CONFIRMATION. ANY PRIOR RECEIPT BY CUSTOMER FROM ANY OTHER SOURCE OF ALL OR PART OF THE INFORMATION HEREIN IS FOR INFORMATIONAL PURPOSES ONLY AND DOES NOT CONSTITUTE A LEGALLY BINDING CONFIRMATION. THIS CONFIRMATION IS EXPRESSLY MADE SUBJECT TO AND IS STRICTLY LIMITED TO THE TERMS AND CONDITIONS OF SALE STATED HEREIN AND ANY INCONSISTENT TERMS OR CONDITIONS APPEARING ON CUSTOMER'S ORDER ARE SPECIFICALLY OBJECTED TO AND DISCLAIMED. IN ANY COMMUNICATION WITH VEYANCE REGARDING THIS ORDER, PLEASE REFER TO VEYANCE'S DOCUMENT OR ORDER CONFIRMATION NUMBER.

- 1. This Confirmation and any distributor's agreement, if any, between Customer and Veyance or Veyance affiliate, together with any specifications, schedules, exhibits, riders, or other writings which may be annexed hereto or provided for hereunder and by reference made a part hereof, sets forth the complete and final agreement between Veyance and Customer in respect of the subject matter hereof, and supersedes all prior understandings, assurances, and Customer's order form, if any. THIS AGREEMENT CONTAINS THE ENTIRE UNDERSTANDING BETWEEN CUSTOMER AND VEYANCE AND NO OTHER REPRESENTATION OR INDUCEMENT, ORAL OR WRITTEN, HAS BEEN MADE WHICH IS NOT SET FORTH HEREIN. EXCEPT FOR THE WARRANTIES AND REPRESENTATIONS, IF ANY, SET FORTH IN THIS AGREEMENT, NO OTHER STATEMENT, WARRANTY, REPRESENTATION OR INFORMATION, ORAL OR WRITTEN, SHALL BE LEGALLY BINDING UPON VEYANCE OR SHALL BE THE BASIS FOR RELIANCE BY CUSTOMER. CUSTOMER DOES NOT RELY AND IS NOT RELYING UPON ANY ORAL OR WRITTEN STATEMENT, WARRANTY, OR REPRESENTATION OF VEYANCE, ITS EMPLOYEES, AGENTS, AND/OR REPRESENTATIVES NOT FULLY SET FORTH HEREIN. No amendments or modifications of or supplements to the provisions of this Confirmation will be valid and binding upon Veyance unless such amendment, modification, or supplement is mutually agreed to in writing and signed by an officer of Veyance and an authorized representative of Customer. In the event of any inconsistency between these Terms and Conditions of Sale and the provisions on the other side of this document or on such supplement shall control.
- 2. Product sold hereunder manufactured by Veyance meets agreed specifications according to established tests performed under controlled laboratory conditions and specific test requirements. These tests are not intended to reflect the performance of the product under actual conditions. Performance of the product as a component in a finished product may not necessarily meet the test requirements. Due to the number and variety of applications for which any product sold hereunder may be purchased and because Veyance has no control over (or knowledge of) the conditions under which the product may be used by others, VEYANCE DOES NOT RECOMMEND SPECIFIC APPLICATIONS OR PRODUCT DESIGNS OR ASSUME RESPONSIBILITY FOR USE RESULTS OBTAINED OR SUITABILITY FOR SPECIFIC APPLICATIONS. No statement contained herein shall be construed as a license to operate or as a recommendation or inducement to infringe existing patents or as an endorsement of products of specific manufacturers or systems.
- NO RELIANCE. CUSTOMER ACKNOWLEDGES THE USE OF ITS OWN KNOWLE SKILL, JUDGMENT, EXPERTISE, AND EXPERIENCE IN (i) the selection of the product and/or (ii) in the selection, provision, or designation of any specification or set tions for a product agreed upon by Customer and Veyance; and CUSTOMER ACKNOWLEDGES THAT CUSTOMER DOES NOT RELY AND IS NOT RELYING ON WRITTEN STATEMENTS, REPRESENTATIONS, OR SAMPLES MADE OR PRESENTED BY VEYANCE, ITS EMPLOYEES, AGENTS, AND/OR REPRESEN OMER. CUSTOMER ACKNOWLEDGES THAT CUSTOMER DOES NOT RELY AND IS NOT RELYING ON ANY KNOWLEDGE, SKILL, JUDGME PERIENCE OF VEYANCE, ITS EMPLOYEES, AGENTS, AND/OR REPRESENTATIVES IN CUSTOMER'S SELECTION OF THE PRODUCT OR I PROVISION, OR DESIGNATION OF ANY SPECIFICATION OR SET OF SPECIFICATIONS. Without limiting the foregoing, CUSTOMER ACK LL NOT BE LIABLE FOR, AND CUSTOMER ASSUMES ALL RISK OF, INACCURATE OR UNSUITABLE SPECIFICATIONS OR INFORM SIGNATED BY CUSTOMER.
- 4. LIMITATION OF WARRANTY. PRODUCT NOT MANUFACTUR NTY, "AS-IS" AND IS SUBJECT TO THE LIMITATION OF LIABILITY SET FORTH IN SECTION 5. SUBJECT TO THE L VISE EXPRESSLY PROVIDED HEREIN, product sold hereunder that has been manufactured by Veyance, unless sold without workmanship. Subject to the preceding sentence, and except as otherwise expressly provided herein, VEYANCE MAKES S OR IMPLIED, AS TO MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR ANY OTHE HE PROI ODUCT SOLD HEREUNDER, WHETHER USED ALONE OR IN COMBINATION WITH ANY HALL NOT BE LIABLE FOR SPECIAL, T OR IN A INCIDENTAL, AND/OR CONSEQUENTIAL DAMAG D O H A LOSS OR CLAIM. OTHER THAN THOSE SPECIFICALLY SET FORTH HEREIN, T **BEYOND** THE PRODUCTS ON THE FACE HEREOF, EITHER EXPRESS OR IMPLIED.
- 5. LIMITATION OF LIABILITY OF VEYANG rkmanship shall, upon Veyance's ıfactured approval, be returned to Veyance as designated PRODUCT IT FINDS TO BE DEFECTIVE IN MATERIAL OR WO OR I GIT A HEREOF, AT VEYANCE'S OPTION, VEYANCE MAY REFUND THE Wheneve es that no adjustment shall be made after a specified period of time, Veyance sha E'S TOTAL RESPONSIBILITY AND LIABILITY FOR ANY AND ALL CLAIMS, TSOEVER (WHETHER UNDER ANY WARRANTY OR BASED IN CONTRACT, N HER TORT HEORY, OR OTHERWISE) SHALL EVENT SHALL VEYANCE BE LIABLE NOT EXCEED THE ORIGINAL PURCHASE PRICE IN RESPEC FOR SPECIAL, INCIDENTAL, CONSEQUENTIAL, EX IVE DAMAGES SE. NO EMPLOYEE, AGENT AND/OR EREIN. VEYANCE SHALL NOT BE LIABLE REPRESENTATIVE HAS AUTHORITY TO MAKE ANY RE ISE OR AC FOR, AND CUSTOMER ASSUMES ALL LIABILITY FOR, PE 4 THE HANDLING, TRANSPORTATION, OR FURTHER MANUFACTURE, FABRICATION, ASSEMBLY, OR F
- 6. Prices are subject to change without notice, and such items will be billed a prices in effect at the time of shipment. Customer will be portified of any price increase and may cancel any undelivered portion of the order by written notice to Veyance, provided such written notice as received by Veyance not more than 10 days after your receipt of notification of the increase. Upon such cancellation Customer shall have no liability to Veyance for the canceled portion of the order except as to product manufactured or in process, components procured by Veyance from outside sources, and special tooling and equipment procured for performance of this order.
- 7. All prices are subject to increase from time to time to compensate for any tax, excise, or key imposed upon the products sold, or upon the manufacture, sale, transportation, or delivery of them or whenever any tax, excise, levy law, or governmental regulation has the effect, directly or indirectly, of increasing the cost of manufacture, sale, or delivery. If any government action or law should have the effect of establishing a maximum price on product to be delivered, Veyance may, at its option and without liability to Customer, terminate its obligation with respect to future shipments upon the product to be delivered.
- 8. Veyance shall not be liable or deemed in default for failure to deliver or delay in delivery due to any cause beyond its reasonable control. If unable to meet delivery schedules, Veyance will endeavor to allocate material fairly among its Customers, but reserves to itself final determination of the deliveries to be made without liability.
- 9. Veyance will indemnify its Customer against all claims and demands for infringement of any United States patent by the product furnished under any accepted order, provided the Customer notifies Veyance of any patent infringement and upon request tenders Veyance the defense of the claim. CUSTOMERS WHO FURNISH SPECIFICATION TO VEYANCE AGREE TO HOLD VEYANCE HARMLESS AGAINST ANY CLAIMS WHICH ARISE OUT OF VEYANCE'S COMPLIANCE WITH SUCH CUSTOMER SPECIFICATIONS.
- 10. Title to the goods shall pass to Customer upon passage of the risk of loss; provided, however, that to the extent permitted by law, until each of the goods delivered hereunder has been paid for in full, Veyance shall retain title to the goods; however, all risk of loss and responsibility for transportation and storage, taxes, and duties shall transfer in accordance with these terms of sale. Customer hereby agrees that notwithstanding any information shown in this confirmation regarding any estimated shipment, production, or requested date(s) for the goods, Veyance is not obligated to produce, deliver or ship the goods by that estimated shipment, production, or requested date(s). Customer hereby agrees that unless Customer notifies Veyance in writing within ninety (90) calendar days of the estimated shipment date as shown on the last dated Confirmation referencing the goods, there shall be a presumption that goods conforming to the goods ordered were received by Customer.
- 11. Due to the varying location of the operations of Customer and Veyance and the locations that may be involved in the performance and documentation of an order to which these Terms and Conditions of Sale are applicable, in order to settle upon and to eliminate any doubt as to the rights of the Customer and Veyance, Customer and Veyance agree that this Confirmation shall be governed by and construed in accordance with the laws of the State of Ohio, United States of America, applicable to agreements to be performed in the State of Ohio, except that for sales or orders originating and to be performed in Canada by Canadian subsidiaries or affiliates of The Veyance, Customer and Veyance agree that this Confirmation shall be governed by and construed in accordance with the laws of the Province of Ontario, Canada, applicable to agreements to be performed in Canada. Customer and Veyance exclude the application of the United Nations Convention on Contracts for the International Sale of Goods to this Confirmation and order.

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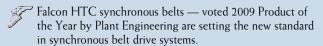


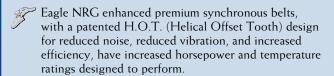
INNOVATIVE PRODUCTS

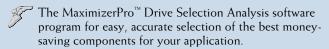




Goodyear Engineered Products are industry leaders with an enviable history of product innovation and power transmission industry firsts, including:







Wedge TLP™ provides an advanced homogeneous construction, allowing unprecedented performance that requires virtually no maintenance.

Torque Team Plus® belts with the strength and power transmission capacity to replace large chain drives.

Poly-V[®] belts with nylon fabric rib facing, fiber-loaded rib compounds, and fully machined rib surfaces.

Equally important, the research and development that produced these dramatic improvements is a continuing process. We continue to have a multitude of new innovations that are being developed at our Research and Development Center in Lincoln, Nebraska.



That means our branded Power Transmission Products will continue to meet the increasing demands for improved drive efficiency, long belt life, and competitive costs.

WE PROVIDE MUCH MORE THAN QUALITY PRODUCTS

Veyance Technologies is the exclusive manufacturer of Goodyear Engineered Products. Working with us, you will receive the high level of service and support that is critical to stay ahead in today's business environment. Our branded power transmission products are available through qualified distributors that are carefully selected and trained to provide much more than quality Goodyear Engineered Products. A complete selection of value-added services are available including cost reduction programs, sales and technical support, and inventory control programs.

DISTRIBUTION You Can Count On

Goodyear Engineered Products authorized distributors are committed to providing you the absolute best in products and service. They are thoroughly trained on Goodyear Engineered Products belting and stand ready to meet all your power

These distributors are backed by a staff of Goodyear Engineered Products technical managers (GTMs) who are specially trained and qualified to conduct in-depth studies of your current operations. In addition, GTMs and our distributors have access to powerful computer programs needed to optimize your current drive/belt applications

ake comfort in the high level of service, delivery, and technical expertise that only comes from a local source backed by a manufacturer with advanced worldwide research and production apabilities.

COST REDUCTION PROGRAMS

We can provide you with the tools and services to reduce your operating costs associated with power transmission products. Through training and drive analysis software, we can show you how to eliminate problem drives that are bringing down your

CUSTOMIZED TRAINING

Whenever you need it, wherever you want it, customized training is available for your associates. From maintenance and installation clinics to in-depth training on analyzing failed power transmission products, our distributors and GTMs can give you the guidance needed to choose, install, and maintain your power transmission products.

INSTALLATION, MAINTENANCE AND TROUBLESHOOTING TOOLS

From initial installation to routine maintenance checks, we offer the tools that makes your job easier. Simple to use, reliable and more important, keeping your operations productive and efficient.

TECHNICAL ASSISTANCE

We're proud to offer you the very finest "problem solvers" in the industry. All our distributors are factory-trained in the applications of the products we manufacture. Our professional design engineers are also available for consultation by calling your local sales representative. Their combined knowledge and experience are there for you around the clock.

CUSTOMER SATISFACTION

Customer satisfaction is foremost in our guiding principles. It shows in our services. It shows in our products. Most importantly, it shows in the unparalleled customer quality rating our branded power transmission products have received from several key OEMs.

We've determined that the surest route to customer satisfaction is through a constant effort to improve. This commitment guarantees the quality of Goodyear Engineered Products, our services, deliveries and more—both now and in the years to come.

ISO 9001 CERTIFIED GLOBAL SOURCING

With state-of-the-art manufacturing facilities around the world, we have the capability of meeting market demands by strategically sourcing product to fill the product supply pipeline. You can also count on the same quality product no matter where in the world our products originate.

ISO 9001 is one of the most widely accepted international standards for quality. Our belt manufacturing plants are all ISO 9001 certified.

QUALITY SERVICE

Our pledge is a simple one: Quality service that you can always depend on. It is a commitment from us and our distributors to you.



With Veyance Technologies, you're much more than a customer. You are an integral piece to success. We pledge to support you with quality products, inventory, service, technical help, and more.

Goodyear Engineered Products have a tradition of product excellence. Along with our extensive distributor network, Veyance forms a team second to none in total product and service offerings. Our goal is to supply you with the best products.

We are constantly looking for ways to help you save money on your existing processes, combining your expertise with our knowledge of power transmission products to make every operation as efficient as possible.

Drive Change is a program we promote to maximize efficiencies, reduce maintenance costs, and increase your productivity. We know that it only takes minor improvements in drive efficiency to improve your facility's efficiency with each energy dollar spent. To pinpoint the improvements, we have developed easy-to-use software programs such as **MaximizerPro™**. With **MaximizerPro**, mechanical drive costs can be analyzed, thus identifying the best drive belts for your needs.

In many instances, **Drive Change** involves upgrading your drives to the latest innovative belt technology that allows for increased efficiency and reduced cost of operation. For example, upgrading from a standard classical V-belt to a narrow V-belt can reduce hardware and maintenance costs while increasing horsepower and load carrying capabilities. To take it a step further, V-belts could be replaced altogether with a premium synchronous belt like *Eagle NRG*^{$^{\text{M}}$} or *Falcon HTC* $^{^{\text{O}}}$, permitting less maintenance and more efficiency.

DRIVE CHANGE

GOOD YEAR



Selection Analysis Program

MaximizerPro is an exciting program which allows the user to have Goodyear Engineered Products belt specifications and information right at their fingertips. It is easy to install and easy to use, making drive recommendations a snap. With MaximizerPro, drive requirements specified by the user are matched with available belts, sprockets, pulleys, and bushings. Working like an equation for improved performance, MaximizerPro takes specific physical data and calculates how the system can be upgraded with multiple options for belt drive designs. These options address the end-user's goals related to energy efficiency, quieter operation increased output, and extended life to name a few.

THE DATA COLLECTION FORM:

The data collection form allows you to gather all of the drive specifications required to run the selection program. Specifications include:

- Drive Operation Time
- Horsepower Load
- DriveR and DriveN RPMs
- Center Distance
- Service Factor
- Energy Cost

THE MAXIMIZATION SCREEN:

The maximization screen provides an easy way to view, sort and print the resulting selections. From the maximization screen, drive selections can be sorted by:

- Face Width
- Noise Level
- Energy Cost
- Service Factor
- Belt Speed
- Drive Cost Index

THE DRIVE DESIGN PRINTOUTS:

The printout function provides the pertinent information for the selected drive. Information available from the detail screen includes:

- Belt, sprocket, and bushing part numbers
- Engineered drawings on all drive part numbers (where applicable)
- Drive Layout
- Installation & Maintenance Tensioning

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MaximizerPro is available by visiting our website at goodyearep.com/ptp.

POWER UP THE VALUE.



MAXIMIZING YOUR ENERGY

With our Drive Change program, you'll get the perfect mix of technology, tools and training designed to increase value with each purchase of power transmission products.

With Veyance Technologies and our Goodyear Power Transmission Products Authorized Distributors, we offer an exclusive, all-encompassing Drive Change Program that optimize the life and performance of your belt drives. Drive Change is our way of ensuring you are up-to-date on required installation and maintenance tools and procedures necessary to maximize plant operations and optimize output where belt drives are used to transfer power. Schedule an in-plant seminar with your local Goodyear Engineered Products Sales Representative and dedicated Goodyear Authorized Distributor. The next step is yours!



LASER ALIGNMENT TOOL

The Goodyear Engineered Products brand Laser Alignment Tool is fast, convenient and attaches in a few seconds, delivering a highly visible sight line. When the laser line lies within the target openings, the pulleys/sprockets are correctly positioned. The result is a fast and precise alignment. Power transmission belts including synchronous. V-belts, flatbelts and more can be aligned equally well. The smart design of the magnetic attachment surface also allows for alignment of both small and large sheaves. For normagnetic pulleys, double-sided tape can be used to affix the tool for an added range of applications.



- Detects both radial and axial misalignment
- Easier to use than conventional methods of misalignment detection
- Affixes to most pulley and sprocket types
- Also suitable for nonmagnetic pulleys/sprockets
- Single operator friendly

TENSIONRITE® BELT FREQUENCY METER

Provides a simple, repeatable and reliable method for tensioning belts using optical technology. It displays the natural vibration frequency of a belt so you can closely monitor belt tension. The device calculates the corresponding belt tension in either English or SI units.

KEY FEATURES & BENEFITS

- Light optics based tensioning
- Quartz crystal-based solid-state circuitry
- Direct vs. indirect measurement of vibration frequency
- Meter range matches "real-life" belt installation parameters
- Can be used with all belt types





POWER UP THE VALUE.

TENSIONRITE® STRIPS

Designed specifically for use with our single and banded V-belts, TensionRite is a plastic strip that adheres to belts during installation. Simply check the correct tension setting listed on the back of the TensionRite card and tighten the belt. The gadge window will indicate when the desired setting has been reached. It's that simple!

KEY FEATURES & BENEFITS

- Smarter way to quickly and accurately tension belts
- Seven easy steps to assure proper belt tensioning
- Easy-to-read measurement cards for both banded and V-belts



MAXIMIZER PROTE DRIVE SELECTION



Maximize your energy sayings with MaximizerPro—the newest and most powerful version of our exclusive drive system analysis software. Still as simple and intuitive to use as ever, MaximizerPro has all the features you've come to know, plus some new, powerful upgrades. Data entered into the software is cross-checked against MaximizerPro's robust database of available belts, sprockets, pulleys and bushings. The resulting customized report outlines specific products that can help you reach maximum efficiency and energy savings. MaximizerPro can enhance your drive systems the first time and every time.

KEY FEATURES & BENEFITS

- Chain drive data solutions (even for old-fashioned chain drive systems)
- Multi-pulley design to layout drive geometries for drives with more than two pulleys
- Specific drive solutions for maximum optimization

LARGE TENSION TESTER

The Large Tension Gauge, when used with a straight edge or tight string, can be an aid in setting the proper belt tension for a drive system. The relationship between deflection and belt span has been incorporated in the index scale printed on the face of the gauge. This eliminates one calculation associated with the tensioning operation.

KEY FEATURES & BENEFITS

- Quickly helps determine belt tension
- Compares force measured with recommended values for your application
- If values are not equal, simply adjust the belt tension and repeat force measurement until measured force matches target value



Synchronous Belts

Synchronous drive products

Synchronous, or Positive Drive, Belts are a relatively new concept in power transmission belting evolution. These belts combine the advantages of chain and gear with the advantages of V-belts, but without the limitations usually associated with these conventional types of drives. There is minimal elongation, no metal-to-metal contact, and no constant lubrication. Synchronous belts are amazingly versatile with possible applications on drives up to 600 hp and from speeds under 100 feet per minute to over 6,000 feet per minute.

Positive Drive, or Pd, is the term applied to our synchronous belts and their method of power transmission. As the name indicates, Positive Drive belts make possible power transmission that is efficient and accurate to a precise degree. Positive Drive Belts also make possible important savings in weight, space, and construction without the sacrifice of efficiency. They are adaptable to almost any type of power transmission drive from printers to heavy industrial milling machines and grinders.

Engineered and manufactured with extreme care with pitch, tooth depth, width, and other measurements accurate to a precise degree, Positive Drive Belts are highly engineered products. The materials used in these remarkable belts consist of high-strength tension members, specially compounded rubber, and proven synthetic fabrics. The belts are designed to eliminate excessive heat build-up and to operate efficiently.

THE EVOLUTION OF THE BELT LINE

Veyance manufactures several different designs. Some are available as open-end constructions and some are available in dual-sided constructions.

Positive Drive Pd® is our trademark line of trapezoidal tooth profile synchronous belts. These belts were the first profile types developed in the continual evolution of synchronous drive belts. This Positive Drive product line includes a stock selection of MXL, XL, L, H, XH, XXH, and Metric T pitches Trapezoidal belts make an excellent means for transmitting power; however, time and technological advances have led to the more advanced product lines mentioned below.

Super Torque Pd® represents the next evolution in synchronous drive belt development in the Goodyear Engineered Products line. The Super Torque Pd belt has a unique modified round tooth design that minimizes tooth shear and operates quieter than traditional trapezoidal tooth profiles. Super Torque tooth pitches include S3M, S4.5M, S5M, S8M, and S14M, and are available as special manufacture parts with minimal runs.

Eagle NRG™ Belts and Sprockets are a unique technological breakthrough. A patented H.O.T. (Helical Offset Tooth) design provides for continuous rolling tooth engagement, allowing the Eagle NRG System to run quieter with less vibration than any other synchronous belt available today. With specialized materials, Eagle NRG offers a much higher horsepower and temperature rating than its predecessor, Eagle Pd®. The use of a flangeless sprocket also ensures more compact, lighter drives with precision performance.

Eagle NRG Belts and Sprockets come in a wide variety of stock sizes with custom manufactured sizes being available for specialty drive requirements.

Falcon HTC® is a synchronous belt designed to handle increased horsepower, low torque applications. Falcon HTC belts feature a high-grade rubber compound. This blended compound handles temperatures much higher than common polyurethane belts

used in similar applications. Also, it is formulated to resist tooth deformity and increase tooth rigidity, extending belt life and saving you money. Falcon HTC belts also feature a patented cord treatment which provides excellent dimensional stability and high-impact strength. Falcon HTC belts can also be used in applications requiring backside idlers, allowing for greater flexibility in various applications. For ease of ordering, the Falcon HTC part number interchanges with the Gates counterpart belt, making replacement easy.

Howk Pd, with its strength and unique construction using our advanced compounding technology, is a line of curvilinear, synchronous belts that offers universal performance that stands alone. Designed to fit the majority of high-capacity synchronous application. Hawk Pd belts fulfill existing drive requirements, matching industrial standards of belt width and length. With the Universal Profile Design (UPD) profile, Hawk Pd performs in the GT and HTD profiles, replacing Gates PowerGrip HTD and PowerGrip GT 2 belts*, In addition, Hawk Pd replaces Carlisle RPP and RPP Plus belts*, running in RPP sprockets, as well as TB Wood's synchronous QD profile*. The UPD is a simple solution in satisfying the multitude of belt and sprocket combinations in the market. Take universal performance to a higher level with Hawk Pd.

Blackhawk Pd[®] is a high-performance, curvilinear belt that offers maximum performance in your 8mm and 14mm synchronous applications. Blackhawk Pd is precisely designed and can replace existing Carlisle Panther[®], Browning Panther, and TB Wood's QT PowerChain belts, matching competitive offerings of belt width and length. Dynamic testing of Blackhawk Pd has shown this durable belt actually lasts 3 to 4 times longer than Carlisle RPP Panther[®]. Maximize the performance of your timing belt application with Blackhawk Pd, designed to deliver longer life and less maintenance. Choose the belt that takes performance to greater heights—Blackhawk Pd.

*Trademarks of the Gates Corporation, Carlisle, and TB Wood's Incorporated respectively.

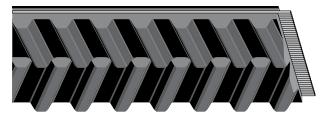
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EAGLE NRG







Part No: B-1750

B Blue = 14 mm Pitch, 35 mm Width

1750 1750 mm Pitch Length

THE EVOLUTION CONTINUES WITH THE NEXT GENERATION IN SYNCHRONOUS BELT TECHNOLOGY

Eagle NRG is the next generation in synchronous belt technology. This unique, state-of-the-art alternative to straighttooth belts and drive chains has been enhanced to improve the overall performance of your drive design—and help you save Energy (NRG).

Eagle NRG is the same H.O.T. (Helical Offset Tooth) design offering continuous rolling tooth engagement, ensuring a much quieter, synchronous drive with reduced vibration. A flangeless sprocket offering used with Eagle NRG also provides a reduced weight, more compact drive praviding efficiencies up to 98%

HIGHER HORSEPOWER RATING

With the emergence of higher horsepower requirements and the need to reduce the size of drives, Eagle NRG's increased horsepower capacity, up to 25% improvement, has the ability to handle an even wider variety of applications. Nevely engineered materials and specialty compounds are formulated to give this next-generation Eagle belt more value in the most demanding applications.

IMPROVED OPERATING TEMPERATURE RANGE

Knowing that elevated temperatures can significantly reduce belt life, we have made improvements in Eagle NRG's ability to perform at 200°F continuous operation and withstand peak temperatures as high as 300°F.

With Eagle NRG, you can experience a whole new level of performance and value in reinforced rubber synchronous belts.

To learn more visit www.goodyearep.com/ptp.

*Drive conditions and service variables in combination with time in operation can result in a loss of static conductivity. It is recommended that a conductivity check be added to drive preventive maintenance programs

APPLICATIONS

Eagle NRG belts and sprockets are ideal on a wide variety of applications in all industries.

- Agricultural Equipment
- Packaging Conveyors
- Aggregate Crushers
- Poultry/Meat Grinders
- Wood Debarkers and Saws
- Mining Equipment
- Aluminum/Steel Conveyors
- Paper Presses
- Hog Dehairers
- Chain Drives
- Baking Mixers
- Textile Machines
- Horizontal Drives
- D: .: M 1:
- Printing Machines

KEY FEATURES & BENEFITS

- Reduced Noise
- Increased Horsepower
- Higher Efficiency
- Less Bearing Load
- Greater Precision
- U. 1 T
- Less Vibration
- Less Maintenance
- Compactness
- Self-Tracking
- Bidirectional
- Higher Temperature Operation
 Static Conductive*

BELT MATERIALS COMPOUNDED TO LAST LONGER

Durability starts with the Eagle NRG belt's rubber compound, a cross-linked elastomer formulated to resist tooth deformity and increase tooth rigidity. Eagle NRG is also chemically stable to resist the effects of oils, coolants, heat, and ozone.

Eagle NRG's high-strength Flexten tensile member provides optimal resistance to flex fatigue, elongation, and shock loads while operating at high torque conditions. The facing of Eagle NRG belts also reduce tooth engagement friction while standing up to oil and chemical permeation.

INCREASED EFFICIENCY

DRIVE CHANGE OPPORTUNITY

The unique tooth configuration of Eagle NRG provides continuous tooth engagement and eliminates slippage. With a power efficiency rating of 98%, Eagle NRG can offer you an impressive 5% edge over typical V-belt drives.

Simply stated, with Eagle NRG, you get what you pay for with each energy dollar. This is especially true when the Eagle NRG is applied to high-energy consuming drives that are used 24 bours a day, as well as high horsepower drives that inflate energy consumption during peak periods.

A QUIETER, REDUCED VIBRATION DRIVE

The H.O.T. design of Eagle NRG belts and sprockets reduces vibration and decreases operating noise by as much as 19 decibels versus other synchronous systems. This can lead to a quieter working environment with improved worker efficiency. Costs associated with monitoring, training, and testing to meet OSHA regulations can be virtually eliminated with Eagle NRG drives.

EAGLE NRG

LOWER MAINTENANCE COSTS

Unlike chain drives, Eagle NRG belts and sprockets do not require lubrication. After initial run in and rechecking tension after 8 hours of operation, Eagle NRG belts do not need additional retensioning like V-belts and chain.

MATCHING BELT TO SPROCKET HAS NEVER BEEN EASIER

The Eagle NRG Color Spectrum System makes it the easiest power transmission drive to sell, purchase, and install.

The part numbering system for Eagle NRG centers around a color-coded sizing system for the belts and sprockets. Each belt and sprocket part number includes a letter corresponding to a color and is also branded in that color. The letters Y, W, P, B, G, O, and R indicate the colors Yellow, White, Purple, Blue, Green,

Orange and Red. All Yellow belts are designed to function with all Yellow sprockets, as is the case for the White, Purple, Blue, Green, Orange and Red sizes. An example of the part numbering system nomenclature for belts, sprockets, and bushings follows and also appears on subsequent pages.

BELT PART NUMBER NOMENCLATURE

G - 2800

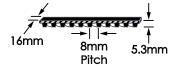
G Green Color

2800 2800 mm Pitch Length

Y – 896 Y

Yellow Color

896 896 mm Pitch Length



8mm

Pitch

5.3mm

EAGLE NRG YELLOW (8 mm Pitch - 16 mm Width)

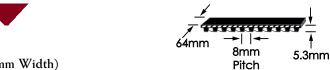
Part Number	No. of Teeth	Length (in)	Part Number	No. of Teeth	Length (in)
Y-640	80	25,20	Y-1280	160	50.39
Y-720	90	28.35	Y-1440	180	56.69
Y-800	100	31.50	Y-1600	200	62.99
Y-896	112	35.28	Y-1792	224	70.55
Y-1000	125	39.37	Y-2000	250	78.74
Y-1120	140	44.09	Y-2240	280	88.19
Y-1200	150	47.24	Y-2400	300	94.49

The belt length in mm is given in the part number.

EAGLE NRG WHITE (8 mm Pitch - 32 mm Width)

Part Number	No. of Teeth	Length (in)	Part Number	No. of Teeth	Length (in)
W-640	80	25.20	W-1280	160	50.39
W-720	90	28.35	W-1440	180	56.69
W-800	100	31.50	W-1600	200	62.99
W-896	112	35.28	W-1792	224	70.55
W-1000	125	39.37	W-2000	250	78.74
W-1120	140	44.09	W-2240	280	88.19
W-1200	150	47.24	W-2400	300	94.49

The belt length in mm is given in the part number.



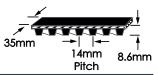
EAGLE NRG PURPLE (8 mm Pitch - 64 mm Width)

Part Number	No. of Teeth	Length (in)	Part Number	No. of Teeth	Length (in)
P-720	90	28.35	P-1200	150	47.24
P-800	100	31.50	P-1280	160	50.39
P-896	112	35.28	P-1440	180	56.69
P-1000	125	39.37	P-1600	200	62.99
P-1120	140	44.09			

The belt length in mm is given in the part number.



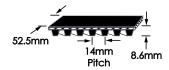
EAGLE NRGTM



EAGLE NRG BLUE (14 mm Pitch - 35 mm Width)

Part Number	No. of Teeth	Length (in)	Part Number	No. of Teeth	Length (in)
B-994	71	39.13	B-2240	160	88.19
B-1120	80	44.09	B-2380	170	93.70
B-1190	85	46.85	B-2520	180	99.21
B-1260	90	49.61	B-2660	190	104.72
B-1400	100	55.12	B-2800	200	110.24
B-1568	112	61.73	B-3136	224	123.46
B-1750	125	68.90	B-3304	236	130.08
B-1960	140	77.17	B-3500	250	137.80
B-2100	150	82.68	B-3920	280	154.33

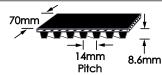
The belt length in mm is given in the part number.



EAGLE NRG GREEN (14 mm Pitch - 52.5 mm Width)

Part Number	No. of Teeth	Length (in)	Part Number	No. of Teeth	Length (in)
G-994	71	39.13	G-2240	160	88.19
G-1120	80	44.09	G-2380	170	93.70
G-1190	85	46.85	G-2520	180	99.21
G-1260	90	49.61	G-2660	190	104.72
G-1400	100	55.12	G-2800	200	110.24
G-1568	112	61.73	G-3136	224	123.46
G-1750	125	68.90	G-3304	236	130.08
G-1960	140	77.17	G-3500	250	137.80
G-2100	150	82.68	G-3920	280	154.33

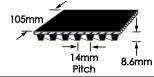
The belt length in mm is given in the part number.



EAGLE NRG ORANGE (14 mm Pitch - 70 mm Width)

Part Number	No. of Teeth	Length (in)	Part Number	No. of Teeth	Length (in)
O-1120	80	44.09	O-2380	170	93.70
O-1190	85	46.85	O-2520	180	99.21
O-1260	90	49.61	O-2660	190	104.72
O-1400	100	55.12	O-2800	200	110.24
O-1568	112	61.73	O-3136	224	123.46
O-1750	125	68.90	O-3304	236	130.08
O-1960	140	77.17	O-3500	2 50	137.80
O-2100	150	82.68	O-3920	280	154.33
O-2240	160	88.19			

The belt length in mm is given in the part number.



EAGLE NRG RED (14 mm Pitch - 105 mm Width)

Part Number	No. of Teeth	Length (in)	Part Number	No. of Teeth	Length (in)
R-1260	90	49.61	R-2520	180	99.21
R-1400	100	55.12	R-2660	190	104.72
R-1568	112	61.73	R-2800	200	110.24
R-1750	125	68.90	R-3136	224	123.46
R-1960	140	77.17	R-3304	236	130.08
R-2100	150	82.68	R-3500	250	137.80
R-2240	160	88.19	R-3920	280	154.33
R-2380	170	93.70			

The belt length in mm is given in the part number.