

TEXROPE® HFX Plus

New generation notched raw edge narrow section V-belts



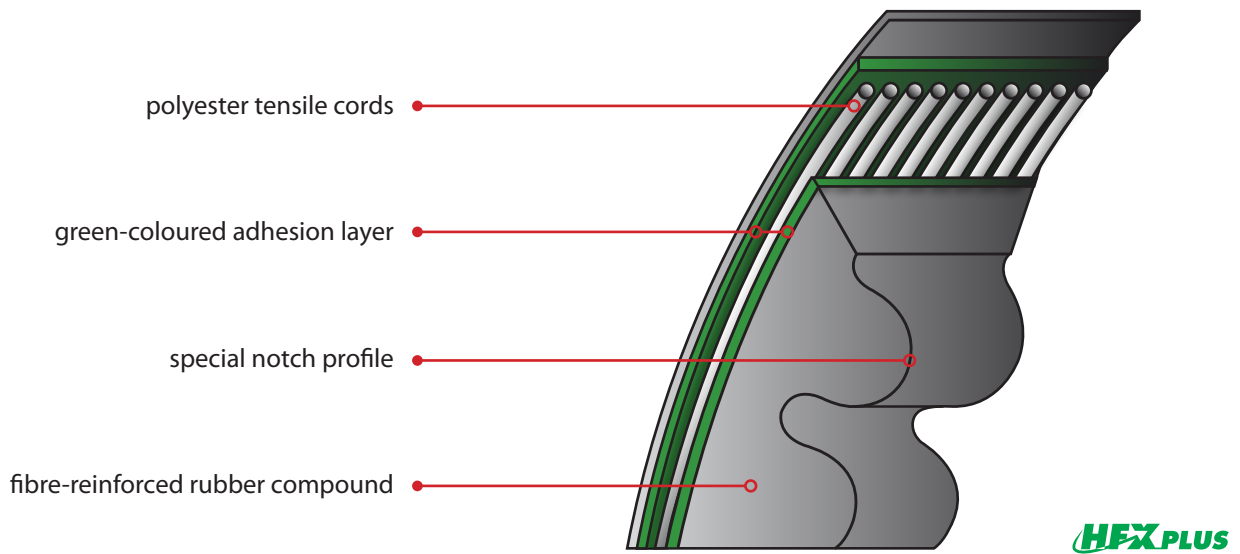
Efficiency is a strategic key in today's industry. Eliminating losses in power transmission systems can translate into large savings. With its new generation of TEXROPE® HFX Plus V-belts, TEXROPE® offers you a cost and energy efficient V-belt delivering **higher power ratings, increased trouble-free service life** and **reduced energy consumption**.

TEXROPE® HFX Plus is suited for both replacements on existing drives and for new drive designs. It also offers innumerable cost saving advantages for both users and engineers.

TEXROPE®

TEXROPE® HFX Plus

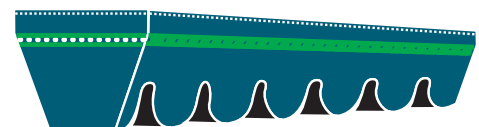
New generation notched raw edge narrow section V-belts



| Construction features | |
|--|---|
| polyester tensile cords | |
| <ul style="list-style-type: none"> • high strength • low elongation | <ul style="list-style-type: none"> • minimal belt tension loss |
| green-coloured adhesive layer | |
| <ul style="list-style-type: none"> • polyester tensile cords embedded in the adhesive layer | <ul style="list-style-type: none"> • extra high bonding level between tensile cords and undercord material |
| special notch profile | |
| <ul style="list-style-type: none"> • optimised geometry • precision-ground sidewalls | <ul style="list-style-type: none"> • perfect belt stability • uniform wedging action |
| fibre-reinforced rubber compound | |
| <ul style="list-style-type: none"> • high-performance fibres embodied in the compound • transverse orientation of the fibres | <ul style="list-style-type: none"> • high resistance against abrasion, wear, chemically aggressive environments (acid and base), ageing, ozone, UV and heat • outstanding cord support • longitudinal flexibility and transverse rigidity • excellent reversed bending properties when backside idlers are used |

Sections and nominal dimensions *

| | Width (mm) | Height (mm) |
|---------|------------|-------------|
| XPZ/3VX | 10 | 8 |
| XPA | 13 | 10 |
| XPB/5VX | 16 | 13 |
| XPC | 22 | 18 |



* As described in the ISO standards, nominal dimensions define the pulleys for which these belts are suitable. They do not represent the exact belt size. These are determined by the belt construction and are TEXROPE® proprietary.

| XPZ/3VX | |
|------------------------|------------------------|
| ISO description | RMA description |
| Datum length mm | |
| XPZ587 | 3VX233 |
| XPZ600 | 3VX238 |
| XPZ630 | 3VX250 |
| XPZ660 | 3VX261 |
| XPZ670 | 3VX265 |
| XPZ687 | 3VX272 |
| XPZ710 | 3VX280 |
| XPZ722 | 3VX286 |
| XPZ737 | 3VX292 |
| XPZ750 | 3VX297 |
| XPZ762 | 3VX300 |
| XPZ775 | 3VX307 |
| XPZ787 | 3VX311 |
| XPZ800 | 3VX315 |
| XPZ817 | 3VX323 |
| XPZ825 | 3VX326 |
| XPZ837 | 3VX331 |
| XPZ850 | 3VX335 |
| XPZ862 | 3VX341 |
| XPZ875 | 3VX346 |
| XPZ887 | 3VX350 |
| XPZ900 | 3VX355 |
| XPZ917 | 3VX362 |
| XPZ925 | 3VX366 |
| XPZ937 | 3VX370 |
| XPZ950 | 3VX375 |
| XPZ962 | 3VX380 |
| XPZ975 | 3VX385 |
| XPZ987 | 3VX390 |
| XPZ1000 | 3VX395 |
| XPZ1012 | 3VX400 |
| XPZ1030 | 3VX407 |
| XPZ1037 | 3VX410 |
| XPZ1060 | 3VX419 |
| XPZ1080 | 3VX425 |
| XPZ1087 | 3VX429 |
| XPZ1110 | 3VX438 |
| XPZ1120 | 3VX442 |
| XPZ1137 | 3VX450 |
| XPZ1150 | 3VX454 |
| XPZ1162 | 3VX459 |
| XPZ1180 | 3VX464 |
| XPZ1212 | 3VX479 |
| XPZ1220 | 3VX482 |
| XPZ1237 | 3VX487 |
| XPZ1250 | 3VX494 |
| XPZ1270 | 3VX500 |
| XPZ1280 | 3VX505 |
| XPZ1287 | 3VX508 |
| XPZ1312 | 3VX518 |
| XPZ1320 | 3VX520 |
| XPZ1337 | 3VX530 |
| XPZ1360 | 3VX537 |
| XPZ1400 | 3VX553 |
| XPZ1412 | 3VX557 |
| XPZ1420 | 3VX560 |
| XPZ1437 | 3VX567 |
| XPZ1450 | 3VX572 |
| XPZ1487 | 3VX587 |
| XPZ1500 | 3VX592 |
| XPZ1512 | 3VX597 |
| XPZ1520 | 3VX600 |
| XPZ1537 | 3VX607 |
| XPZ1550 | 3VX612 |
| XPZ1587 | 3VX626 |
| XPZ1600 | 3VX630 |

| | |
|---------|---------|
| XPZ1650 | 3VX650 |
| XPZ1687 | 3VX666 |
| XPZ1700 | 3VX670 |
| XPZ1750 | 3VX690 |
| XPZ1800 | 3VX710 |
| XPZ1850 | 3VX730 |
| XPZ1900 | 3VX750 |
| XPZ1950 | 3VX771 |
| XPZ2000 | 3VX790 |
| XPZ2030 | 3VX800 |
| XPZ2120 | 3VX836 |
| XPZ2160 | 3VX850 |
| XPZ2240 | 3VX883 |
| XPZ2280 | 3VX900 |
| XPZ2360 | 3VX931 |
| XPZ2410 | 3VX950 |
| XPZ2500 | 3VX986 |
| XPZ2540 | 3VX1000 |
| XPZ2650 | 3VX1045 |
| XPZ2690 | 3VX1060 |
| XPZ2800 | 3VX1104 |
| XPZ2840 | 3VX1120 |
| XPZ3000 | 3VX1180 |
| XPZ3150 | 3VX1242 |
| XPZ3350 | 3VX1320 |
| XPZ3550 | 3VX1400 |

| XPA | |
|------------------------|------------------------|
| ISO description | RMA description |
| Datum length mm | |
| XPA690 | |
| XPA732 | |
| XPA750 | |
| XPA757 | |
| XPA775 | |
| XPA782 | |
| XPA800 | |
| XPA825 | |
| XPA832 | |
| XPA850 | |
| XPA857 | |
| XPA875 | |
| XPA882 | |
| XPA900 | |
| XPA907 | |
| XPA925 | |
| XPA932 | |
| XPA950 | |
| XPA957 | |
| XPA975 | |
| XPA982 | |
| XPA1000 | |
| XPA1007 | |
| XPA1030 | |
| XPA1060 | |
| XPA1082 | |
| XPA1090 | |
| XPA1107 | |
| XPA1120 | |
| XPA1132 | |
| XPA1142 | |
| XPA1150 | |
| XPA1157 | |
| XPA1172 | |
| XPA1180 | |
| XPA1207 | |
| XPA1220 | |
| XPA1232 | |
| XPA1250 | |

| | |
|---------|--|
| XPA1257 | |
| XPA1272 | |
| XPA1282 | |
| XPA1307 | |
| XPA1320 | |
| XPA1332 | |
| XPA1360 | |
| XPA1382 | |
| XPA1400 | |
| XPA1442 | |
| XPA1450 | |
| XPA1462 | |
| XPA1482 | |
| XPA1500 | |
| XPA1507 | |
| XPA1522 | |
| XPA1532 | |
| XPA1550 | |
| XPA1557 | |
| XPA1582 | |
| XPA1600 | |
| XPA1607 | |
| XPA1632 | |
| XPA1650 | |
| XPA1682 | |
| XPA1700 | |
| XPA1732 | |
| XPA1750 | |
| XPA1782 | |
| XPA1800 | |
| XPA1850 | |
| XPA1900 | |
| XPA1950 | |
| XPA2000 | |
| XPA2060 | |
| XPA2120 | |
| XPA2180 | |
| XPA2240 | |
| XPA2360 | |
| XPA2430 | |
| XPA2500 | |
| XPA2650 | |
| XPA2800 | |
| XPA3000 | |
| XPA3150 | |
| XPA3350 | |
| XPA3550 | |
| XPA3750 | |
| XPA4000 | |

| XPB/5VX | |
|------------------------|------------------------|
| ISO description | RMA description |
| Datum length mm | |
| XPB1000 | 5VX398 |
| XPB1060 | 5VX422 |
| XPB1080 | 5VX430 |
| XPB1120 | 5VX445 |
| XPB1180 | 5VX470 |
| XPB1250 | 5VX497 |
| XPB1280 | 5VX508 |
| XPB1320 | 5VX524 |
| XPB1340 | 5VX530 |
| XPB1400 | 5VX556 |
| XPB1450 | 5VX575 |
| XPB1500 | 5VX595 |
| XPB1550 | 5VX615 |
| XPB1600 | 5VX634 |
| XPB1650 | 5VX654 |
| XPB1700 | 5VX674 |

| | |
|---------|---------|
| XPB1750 | 5VX693 |
| XPB1800 | 5VX713 |
| XPB1850 | 5VX733 |
| XPB1900 | 5VX753 |
| XPB1950 | 5VX772 |
| XPB2000 | 5VX790 |
| XPB2020 | 5VX800 |
| XPB2120 | 5VX840 |
| XPB2150 | 5VX850 |
| XPB2240 | 5VX886 |
| XPB2280 | 5VX900 |
| XPB2360 | 5VX934 |
| XPB2410 | 5VX953 |
| XPB2500 | 5VX990 |
| XPB2530 | 5VX1000 |
| XPB2650 | 5VX1050 |
| XPB2680 | 5VX1060 |
| XPB2800 | 5VX1108 |
| XPB2840 | 5VX1123 |
| XPB2900 | 5VX1146 |
| XPB3000 | 5VX1186 |
| XPB3150 | 5VX1245 |
| XPB3350 | 5VX1323 |
| XPB3550 | 5VX1400 |
| XPB3750 | 5VX1481 |
| XPB4000 | 5VX1579 |
| XPB4250 | 5VX1678 |
| XPB4500 | 5VX1776 |
| XPB4750 | 5VX1875 |
| XPB5000 | 5VX1973 |

| XPC | |
|------------------------|------------------------|
| ISO description | RMA description |
| Datum length mm | |
| XPC1900 | |
| XPC2000 | |
| XPC2120 | |
| XPC2240 | |
| XPC2360 | |
| XPC2500 | |
| XPC2650 | |
| XPC2800 | |
| XPC3000 | |
| XPC3150 | |
| XPC3350 | |
| XPC3550 | |
| XPC3750 | |
| XPC4000 | |
| XPC4250 | |
| XPC4500 | |
| XPC4750 | |
| XPC5000 | |

Ordering code:

XPZ587

XPZ - Section
587 - Datum length (mm)

All dimensions are available
from stock.

TEXROPE® HFX Plus

New generation notched raw edge narrow section V-belts

Key benefits for your applications

- Extended temperature range: from -40°C up to +110°C.
- Extraordinary power capacity: at least 15% higher power ratings than TEXROPE® HFX belts.
- Substantially reduced noise level.
- Smooth-running operation.
- Long and trouble-free service life.
- High dimensional precision. All TEXROPE® HFX Plus belts are length-stable (marked $\text{\textcircled{S}}$).
- Static conductive (ISO 1813). All TEXROPE® HFX Plus belts can as such be used in the conditions described in the Directive 94/9/EC-ATEX.
- REACH and RoHS compliant.
- Space savings and design freedom. The increased power ratings allow smaller drives and therefore highly economical drive designs.
- Environment-friendly: halogen-free (e.g. chlorine).
- Significantly better resistance to static ageing.

TEXROPE® HFX Plus belts guarantee top quality, high performance and low maintenance. Three features which are vital qualities in the field of cost and energy efficient power transmission. Replace your existing drive technology with a TEXROPE® HFX Plus V-belt drive system and gain a competitive edge in the market. TEXROPE® HFX Plus drives can substantially reduce material and labour cost of maintenance, while at the same time improving uptime and productivity!



www.texrope.com/hfxplus

Your TEXROPE® distributor:

TEXROPE®