TEXROPE® HFX-E

100% SERVICE-FREE V-BELT

TEXROPE® has designed a bandless zero-maintenance V-belt, that cuts back maintenance costs and brings more convenience and peace-of-mind. The innovative minimal-stretch cord technology used in TEXROPE® HFX-e V-belts eliminates tension decay in the first hours after installation. Compared to conventional belts, no run-in period nor any re-tensioning are required during the entire lifetime of the belt. It makes life easy for both maintenance and design engineers, especially when drives are difficult to reach. Discover the (r)evolutionary features of this new generation of bandless V-belts.

Note: TEXROPE® HFX-e belts replace the HFX Plus range. Existing HFX Plus belts are delivered until exhaustion of stock but only the superior TEXROPE® HFX-e belts are manufactured from now on.

MORE REASONS TO CHOOSE TEXROPE® HFX-E:

- Low-noise running
- Energy efficiencies up to 98%
- High resistance against abrasion, wear, chemically aggressive environments (acid and base), ageing, ozone, UV and heat
- Excellent reversed bending properties when back idlers are used
- Lower system costs and more design freedom
- Can replace almost any drive which is fitted with conventional wrapped V-belts
- Environmentally-friendly (halogen-free)
- Full stock range available

TEXROPE® HFX-E

Sections and nominal dimensions

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

Construction features

POLYESTER TENSILE CORDS	
• cord designed for minimal-elongation • high strength cords	✔ no re-tensioning necessary ✔ stable tension over entire lifetime ✔ length-stable belt (marked ST)
GREEN-COLOURED ADHESION LAYER	
• polyester tensile cords embedded in the adhesion layer	✔ extra high bonding level between tensile cords and undercord material
FIBRE-REINFORCED RUBBER BELT BODY	
• high-performance fibres embodied in the halogen-free compound • transverse orientation of the fibres • latest EPDM rubber technology	✔ extended temperature range from -50°C up to +130°C ✔ longitudinal flexibility and transverse rigidity ✔ outstanding cord support ✔ in conformity with ISO 4184, DIN 7753, NF T-47 141 and BS 3790 ✔ static conductive (ISO 1813) and can be used in the conditions described in the ATEX Directive ✔ in compliance with RoHS and REACH
SPECIAL NOTCH PROFILE	
• optimised geometry • precision-ground sidewalls • proportional to the belt section	✔ perfect belt stability ✔ uniform wedging action ✔ reduced bending stress ✔ reduced noise level

TEXROPE® HFX-e

XPZ/3VX	
Description ISO Datum length mm	Description RMA
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

XPZ/3VX	
Description ISO Datum length mm	Description RMA
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
Description ISO 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

XPA
Description ISO Datum length mm
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

TEXROPE® HFX-e

XPB/5VX	
Description ISO Datum length mm	Description RMA
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
Description ISO 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.