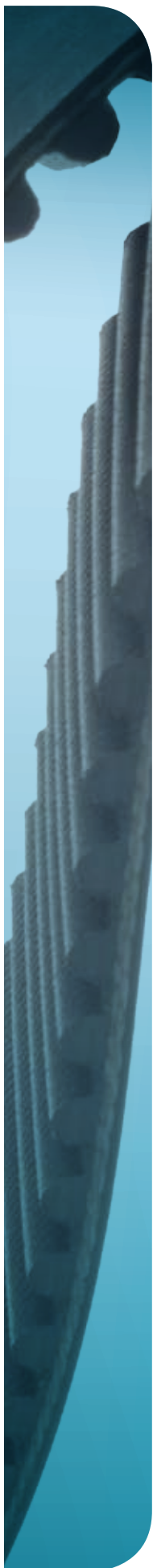


TEXROPE® INDUSTRIAL CATALOGUE



A complete range of industrial belts





TEXROPE® - the indispensable partner for all your power transmission needs

The TEXROPE® brand stands for a complete industrial belt range, including classical V-belts, narrow section V-belts, belts for variable-speed drives, multiple V-belts, V-ribbed belts, synchronous belts and flat belts. Choosing TEXROPE® is not just buying rubber and polyurethane industrial belts, but also being assured of the power of an experienced brand name. Over 40 years of continuous research enables us to offer unique experience in solving difficult drive applications. This knowledge is fully covered by our broad product range designed and produced to meet relevant ISO standards together with our extensive customer support programme.

Each and every one of our belts is a TEXROPE® ambassador. We are eager to strengthen our reputation as a high-quality brand. That is why we also pay meticulous attention to our belt labelling. By the end of 2008 a number of TEXROPE® belts will be supplied with new labels as pictured in the catalogue.

Specially designed to meet the most varied and toughest requirements in industry, the TEXROPE® range offers the answer to drive optimisation. With its wide range of industrial belts and its specially adapted tools TEXROPE® is able to respond to all customer needs, whatever the industry, regardless of the application.

Select the TEXROPE® belt type best suited to your needs

TEXROPE®'s vast industrial belt range is ideal for all types of industries and all types of applications. Each and every one of TEXROPE®'s industrial belts will provide optimisation of your drive and energy and cost savings. Design engineers can obtain a competitive advantage by designing in TEXROPE® belts in their next power transmission application. Maintenance engineers can substantially reduce day-to-day operational costs by eliminating downtime and lost productivity since TEXROPE® belts are designed for long lasting and energy-efficient performance.

The purpose of the following tables is to give an indication of the possibilities and to direct you towards the TEXROPE® belt type which is best suited to your application.



New drives

	HFX	VP2	S84	VARI-PHI	HEXAGO	VSX	SPEEDFLEX
New drive	•••	••	•		••	•••	•
Maximum power (kW)	600	500	400	100	400	500	300
Reduced shaft loads	•••	•••	•••	•••	•••	•••	•
Max. linear velocity	60 m/s	45 m/s	40 m/s	40 m/s	40 m/s	50 m/s	55 m/s
Small diam. possible	•••	•	••	•••	••	••••	••••
Overall dimensions	••••	•••	••	••	••	••••	•
Consid. torque variations	••	•••	•••	•••	•••	•	•••
Friction clutch		•	•	•	•		•
Reverse bending	•		•		••	••	••••
Serpentine drive					••••	••••	••••
Variator system				•••			
Anti-static	ISO 1813	ISO 1813	ISO 1813		ISO 1813	ISO 1813	
ATEX compatible	YES	YES	YES	NO	YES	YES	NO

	EXTRADRIVE	SUPRADRIVE	STB	LL	DF	SYNCHRO-POWER
New drive	••••	•••	•	••	••	••
Maximum power (kW)	675	400	200		50 (*)	175
Reduced shaft loads	••••	••••	••••	••••	••••	••••
Max. linear velocity	60 m/s	60 m/s	60 m/s	60 m/s	60 m/s	50 m/s
Small diam. possible	••••	••••	•••	•••	••••	•••
Overall dimensions	••••	•••	••	•••	•••	••
Consid. torque variations	••••	•••	•	••	••	••
Reverse bending	•••	••	••	••	•••	••
Linear displacement	•••	••	••	•••		•••
Serpentine drive	••	••	••		•••	••
Anti-static	ISO 9563					
ATEX compatible	YES	NO	NO	NO	NO	NO

(*) distributed on both sides

Key

	not applicable
•	possible but not recommended
••	good
•••	very good
••••	excellent

SELECTION TABLES

Replacements

				
Steps	V-	V-RIBBED	SYNCHRONOUS	FLAT
1	section (mm) top width x height (refer to table page 7)	number of ribs	tooth profile	thickness (mm)
2	angle evaluation	pitch between ribs (mm) take the maximum width of the ribs and divide by the number of ribs	pitch between teeth (mm) to be taken over 10 teeth for more accuracy	width (mm)
3	banded (yes/no) moulded notch (yes/no)	effective length (mm) to be measured on the belt back	number of teeth to be multiplied by the pitch to obtain the pitch length	inside length (mm)
4	outside length (mm)		width (mm)	
Example				
	Section: 13 x 10 Angle: 38° Raw edge Length: 1400 mm ↓ TEXROPE® XPA 1400	N° of ribs: 8 Pitch: 4.7 mm Length: 2705 mm ↓ TEXROPE® VSX 2705 L 8	Tooth profile: Curvilinear Pitch: 8 mm N° of teeth: 300 Width: 50 mm ↓ TEXROPE® EXTRADRIVE™ 2400-8ME-50	Thickness: 2.2 mm Width: 40 mm Length: 1400 mm ↓ TEXROPE® SPEEDFLEX® TYPE 2 1400 of 4 mm

V-belts			
width x height	narrow section	classical section	variable speed
6.4 x 4.1		RMA 2L	
8.0 x 5.0		DIN 8	
9.7 x 5.6		RMA 3L	
9.7 x 8.0	XPZ / SPZ / 3V		
10.0 x 6.0		Z	
12.7 x 7.9	XPA / SPA	RMA 4L	
12.7 x 10.0			
13.0 x 6.0			VNN
13.0 x 8.0		A	
15.8 x 13.5	5V		
16.3 x 13.0	XPB / SPB		
16.8 x 9.7		RMA 5L	
17.0 x 6.0			W 16
17.0 x 11.0		B	
18.6 x 15.0	DIN 19		
20.0 x 12.5		DIN 20	
21.0 x 7.0			W 20
22.0 x 8.0			VNN
22.0 x 14.0		C	
22.0 x 18.0	XPC / SPC		
25.0 x 16.0		DIN 25	
25.0 x 23.0	8V		
26.0 x 8.0			W 25
28.0 x 8.0			VNN
32.0 x 19.0		D	
33.0 x 10.0			W 31.5
37.0 x 10.0			VNN
38.0 x 25.0		E	
42.0 x 13.0			W 40
47.0 x 13.0			VNN
52.0 x 16.0			W 50
55.0 x 16.0			VNN
65.0 x 20.0			W 63
83.0 x 26.0			W 80
104.0 x 32.0			W 100



V-belts

	TEXROPE® HFX	10
	TEXROPE® VP2	12
	TEXROPE® S84	14
	TEXROPE® VARI-PHI®	18
	TEXROPE® HEXAGO	20
	TEXROPE® MULTI VP2	22
	TEXROPE® MULTI 84	22
	TEXROPE® VSX	23

Synchronous belts

	TEXROPE® EXTRADRIIVE™	26
	TEXROPE® SUPRADRIIVE™	28
	TEXROPE® STB	30
	TEXROPE® LL	32
	TEXROPE® DF	33
	TEXROPE® SYNCHRO-POWER®	NEW 35

Flat belts

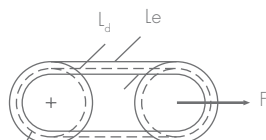
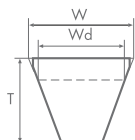
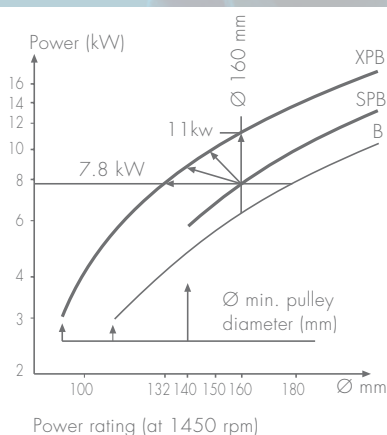
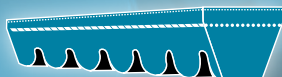
	TEXROPE® SPEEDFLEX®	38
---	---------------------	----

Preventive maintenance tools

	TEXROPE® ATX	40
	TEXROPE® SONIC TENSION METER	41



TEXROPE HFX ST XPB 2000



Measuring datum circumference

L_d = datum length
 L_e = outside length

Raw edge, moulded notch, narrow section V-belt

TEXROPE® HFX combines maximum transverse rigidity with excellent longitudinal flexibility. TEXROPE® HFX easily accommodates small diameters, thus enabling the use of smaller and less costly pulleys. As it transmits more power, with TEXROPE® HFX fewer belts are needed for the same power rating than with conventional belts. The unique notch design provides optimum distribution of bending stresses and makes the belts run smoothly in the pulley grooves. Space savings are significant, drive efficiency is improved, belt life is extended and cost savings are increased.

Construction features

- Top fabric reduces wear, especially when back idlers are used.
- Specially treated tensile cords resist fatigue, shocks, bending and tensile stresses and ensure minimal elongation.
- Abrasion-resistant fibre-reinforced compound.
- Optimised moulded notches ensure excellent flexibility, thus reducing bending stresses and heat build-up.
- Good resistance to mineral oils and temperatures from -30°C up to $+80^{\circ}\text{C}$.
- Conforms to ISO 4184, DIN 7753, NF T-47 141 and BS 3790.
- Meets anti-static requirements (ISO 1813).
- Can be used in the conditions described in the Directive 94/9/EC – ATEX.
- All TEXROPE® HFX belts are length-stable (marked ST).

Technical characteristics

	XPZ	XPA	XPB	XPC
Nominal section W x T (mm)	10 x 8	13 x 10	16.3 x 13	23 x 18
Datum width Wd (mm)	8.5	11	14	19
Weight (g/m)	71	120	180	360
Min. pulley diameter (mm)	50	63	90	140
$L_e - L_d$ (mm)	13	18	22	30

The calculation procedure described in our TEXROPE® V-belt drive design manual (ref. E2/80002) provides all the information needed to calculate a drive system using TEXROPE® HFX belts. You can also consult our TEXROPE® drive design software. For more information on TDD Pro™, see page 42.

General note on V-belts

L_d = datum length replaces the former L_p = pitch length as per ISO 1081.

XPZ
Belt code
Datum length (mm)

XPZ587
XPZ600
XPZ630
XPZ660
XPZ670
XPZ687
XPZ710
XPZ722
XPZ737
XPZ750
XPZ762
XPZ775
XPZ787
XPZ800
XPZ817
XPZ825
XPZ837
XPZ850
XPZ862
XPZ875
XPZ887
XPZ900
XPZ917
XPZ925
XPZ937
XPZ950
XPZ962
XPZ975
XPZ987
XPZ1000
XPZ1012
XPZ1030
XPZ1037
XPZ1060
XPZ1080
XPZ1087
XPZ1110
XPZ1120
XPZ1137
XPZ1150
XPZ1162
XPZ1180
XPZ1212
XPZ1220
XPZ1237
XPZ1250
XPZ1270
XPZ1280
XPZ1287
XPZ1312
XPZ1320
XPZ1337
XPZ1360
XPZ1400
XPZ1412
XPZ1420
XPZ1437
XPZ1450
XPZ1487
XPZ1500
XPZ1512
XPZ1520
XPZ1537
XPZ1550
XPZ1587
XPZ1600
XPZ1650
XPZ1700
XPZ1750
XPZ1800
XPZ1850

XPZ
Belt code
Datum length (mm)

XPZ1900
XPZ1950
XPZ2000
XPZ2030
XPZ2120
XPZ2160
XPZ2240
XPZ2280
XPZ2360
XPZ2500
XPZ2650
XPZ2800
XPZ3000
XPZ3150
XPZ3350
XPZ3550

XPA
Belt code
Datum length (mm)

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

XPA
Belt code
Datum length (mm)

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
Belt code
Datum length (mm)

XPB1000
XPB1060
XPB1080
XPB1120
XPB1180
XPB1250
XPB1320
XPB1340
XPB1400
XPB1450
XPB1500
XPB1550
XPB1600
XPB1650
XPB1700
XPB1750
XPB1800
XPB1850
XPB1900
XPB1950
XPB2000
XPB2120
XPB2150
XPB2240
XPB2280
XPB2360
XPB2410
XPB2500
XPB2530
XPB2650
XPB2680
XPB2800
XPB2840
XPB3000
XPB3150
XPB3350
XPB3550
XPB3750
XPB4000
XPB4250
XPB4500
XPB4750

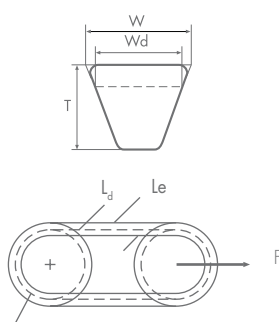
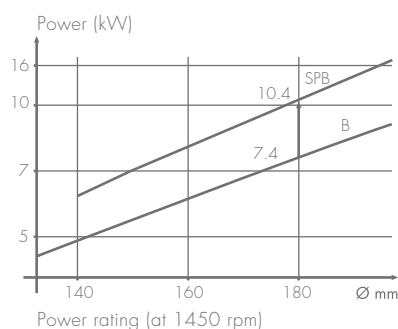
XPC
Belt code
Datum length (mm)

XPC2000
XPC2120
XPC2240
XPC2360
XPC2500
XPC2650
XPC2800
XPC3000
XPC3150
XPC3350
XPC3550
XPC3750
XPC4000
XPC4250
XPC4500
XPC4750

All dimensions are available from stock.



TEXROPE VP2 ST SPB 1800



L_d = datum length
Le = outside length

Wrapped, narrow section V-belt

TEXROPE® VP2 has a deeper cross-section than the classical section belt for the same top width. The increased height of its side walls provides excellent grip and thus greater power ratings. The increased power capacity is also due to the special strength of the tensile member. The TEXROPE® VP2 narrow section belt allows the design of more compact drives.

Construction features

- Fabric cover provides grip, protection against external influences and resistance to abrasion.
- Monocord tensile members consist of specially treated high-strength polyester cord to transmit tensile forces and withstand occasional or recurrent shock loads.
- The belt compound converts tensile forces on the sidewalls into longitudinal forces in the tensile member.
- Good resistance to mineral oils and temperatures from -30°C up to +80°C.
- Conforms to ISO 4184, DIN 7753, NF T-47 141 and BS 3790.
- Meets anti-static requirements (ISO 1813).
- Can be used in the conditions described in the Directive 94/9/EC – ATEX.
- All TEXROPE® VP2 belts are length-stable (marked $\odot$).

Technical characteristics

	SPZ	SPA	SPB	SPC	19	3V	5V
Nom. section W x T (mm)	9.7 x 8	12.7 x 10	16.3 x 13	22 x 18	18.6 x 15	9.65 x 7.8	15.8 x 13
Datum width Wd (mm)	8.5	11	14	19	16	8.5	11
Weight (g/m)	68	120	194	375	270	68	194
Min. pulley diameter (mm)	71	90	140	200	180	71	140
Le - L _d (mm)	13	18	22	30	25	13	22

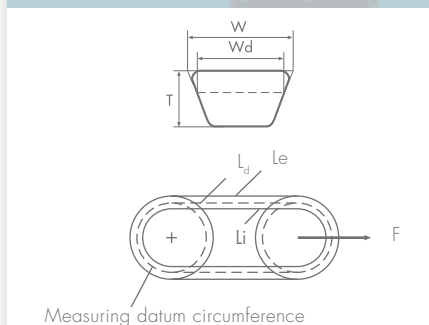
The calculation procedure described in our TEXROPE® V-belt drive design manual (ref. E2/80002) provides all the information needed to calculate a drive system using TEXROPE® VP2 belts. You can also consult our TEXROPE® drive design software. For more information on TDD Pro™, see page 42.

						3V	
SPZ	SPZ	SPA	SPA	SPB	SPC	Belt code RMA Code	Le (mm)
Belt code L _d (mm)	Belt code L _d (mm)	Belt code L _d (mm)	Belt code L _d (mm)	Belt code L _d (mm)	Belt code L _d (mm)		
SPZ500	SPZ1250	SPA750	SPA1800	SPB1250	SPC2000	3V250	641
SPZ512	SPZ1262	SPA757	SPA1807	SPB1280	SPC2120	3V265	673
SPZ515	SPZ1280	SPA775	SPA1832	SPB1320	SPC2240	3V280	701
SPZ530	SPZ1287	SPA782	SPA1850	SPB1360	SPC2360	3V300	761
SPZ545	SPZ1312	SPA800	SPA1857	SPB1400	SPC2500	3V315	800
SPZ560	SPZ1320	SPA807	SPA1882	SPB1450	SPC2650	3V335	847
SPZ562	SPZ1327	SPA825	SPA1900	SPB1500	SPC2800	3V355	899
SPZ580	SPZ1337	SPA832	SPA1907	SPB1550	SPC3000	3V375	960.5
SPZ600	SPZ1347	SPA850	SPA1925	SPB1600	SPC3150	3V400	1022
SPZ612	SPZ1360	SPA857	SPA1932	SPB1650	SPC3350	3V425	1085
SPZ615	SPZ1362	SPA875	SPA1950	SPB1700	SPC3460	3V450	1142
SPZ630	SPZ1387	SPA882	SPA1957	SPB1750	SPC3550	3V475	1210
SPZ637	SPZ1400	SPA900	SPA1982	SPB1800	SPC3750	3V500	1270
SPZ650	SPZ1412	SPA907	SPA2000	SPB1850	SPC4000	3V530	1349
SPZ662	SPZ1437	SPA925	SPA2032	SPB1900	SPC4250	3V560	1410
SPZ670	SPZ1450	SPA932	SPA2057	SPB1950	SPC4500	3V600	1523
SPZ687	SPZ1462	SPA950	SPA2060	SPB2000	SPC4750	3V630	1609
SPZ690	SPZ1487	SPA957	SPA2082	SPB2060	SPC5000	3V670	1709
SPZ697	SPZ1500	SPA975	SPA2120	SPB2120	SPC5300	3V710	1808
SPZ710	SPZ1512	SPA982	SPA2132	SPB2180	SPC5600	3V750	1908
SPZ717	SPZ1537	SPA1000	SPA2180	SPB2240	SPC6000	3V800	2028
SPZ722	SPZ1550	SPA1007	SPA2182	SPB2300	SPC6300	3V850	2150
SPZ730	SPZ1562	SPA1030	SPA2207	SPB2360	SPC6700	3V900	2300
SPZ737	SPZ1587	SPA1032	SPA2227	SPB2430	SPC7100	3V950	2413
SPZ750	SPZ1600	SPA1060	SPA2232	SPB2500	SPC7500	3V1000	2538
SPZ758	SPZ1612	SPA1082	SPA2240	SPB2530	SPC8000	3V1060	2688
SPZ762	SPZ1637	SPA1090	SPA2282	SPB2580	SPC8500	3V1120	2843
SPZ772	SPZ1650	SPA1107	SPA2300	SPB2650	SPC9000	3V1180	3013
SPZ775	SPZ1662	SPA1120	SPA2307	SPB2720	SPC9500	3V1250	3173
SPZ787	SPZ1687	SPA1132	SPA2332	SPB2800	SPC10000	3V1320	3363
SPZ800	SPZ1700	SPA1150	SPA2360	SPB2840	SPC10600	3V1400	3563
SPZ812	SPZ1737	SPA1157	SPA2382	SPB2850	SPC11200		
SPZ825	SPZ1750	SPA1180	SPA2430	SPB2900	SPC11800		
SPZ837	SPZ1762	SPA1207	SPA2432	SPB3000	SPC12500		
SPZ850	SPZ1787	SPA1220	SPA2475	SPB3070			
SPZ862	SPZ1800	SPA1232	SPA2482	SPB3150			
SPZ875	SPZ1812	SPA1250	SPA2500	SPB3250			
SPZ887	SPZ1837	SPA1257	SPA2532	SPB3350			
SPZ900	SPZ1850	SPA1272	SPA2580	SPB3450			
SPZ912	SPZ1862	SPA1280	SPA2582	SPB3550			
SPZ922	SPZ1887	SPA1282	SPA2607	SPB3650			
SPZ925	SPZ1900	SPA1307	SPA2632	SPB3750			
SPZ937	SPZ1937	SPA1320	SPA2650	SPB3870			
SPZ950	SPZ1950	SPA1332	SPA2682	SPB4000			
SPZ962	SPZ1987	SPA1357	SPA2720	SPB4120			
SPZ975	SPZ2000	SPA1360	SPA2732	SPB4250			
SPZ987	SPZ2037	SPA1382	SPA2782	SPB4370			
SPZ1000	SPZ2060	SPA1400	SPA2800	SPB4500			
SPZ1012	SPZ2120	SPA1407	SPA2832	SPB4620			
SPZ1024	SPZ2137	SPA1425	SPA2882	SPB4750			
SPZ1030	SPZ2180	SPA1432	SPA2900	SPB4870			
SPZ1037	SPZ2187	SPA1450	SPA2932	SPB5000			
SPZ1047	SPZ2240	SPA1457	SPA2982	SPB5300			
SPZ1060	SPZ2287	SPA1482	SPA3000	SPB5600			
SPZ1077	SPZ2300	SPA1500	SPA3032	SPB6000			
SPZ1087	SPZ2360	SPA1507	SPA3070	SPB6300			
SPZ1090	SPZ2430	SPA1532	SPA3082	SPB6700			
SPZ1112	SPZ2500	SPA1550	SPA3150	SPB7100			
SPZ1120	SPZ2580	SPA1557	SPA3182	SPB7500			
SPZ1127	SPZ2650	SPA1582	SPA3250	SPB8000			
SPZ1137	SPZ2720	SPA1600	SPA3282				
SPZ1150	SPZ2800	SPA1607	SPA3350				
SPZ1162	SPZ2900	SPA1632	SPA3382				
SPZ1171	SPZ3000	SPA1650	SPA3450				
SPZ1180	SPZ3070	SPA1657	SPA3550				
SPZ1187	SPZ3150	SPA1682	SPA3650				
SPZ1202	SPZ3250	SPA1700	SPA3750				
SPZ1212	SPZ3350	SPA1707	SPA3870				
SPZ1220	SPZ3450	SPA1732	SPA4000				
SPZ1237	SPZ3550	SPA1750	SPA4250				
		SPA1757	SPA4500				
		SPA1782					
						5V	
						Belt code RMA Code	Le (mm)
						5V500	1272
						5V530	1352
						5V560	1422
						5V600	1522
						5V630	1602
						5V670	1702
						5V710	1807
						5V750	1907
						5V800	2022
						5V850	2162
						5V900	2287
						5V950	2417
						5V1000	2552
						5V1060	2692
						5V1120	2847
						5V1180	2997
						5V1250	3172
						5V1320	3372
						5V1400	3572
						5V1500	3812
						5V1600	4067
						5V1700	4322
						5V1800	4572
						5V1900	4822
						5V2000	5092
						5V2120	5382
						5V2240	5692
						5V2360	5992
						5V2500	6352
						5V2650	6722
						5V2800	7122
						5V3000	7622
						5V3150	8022
						5V3350	8522
						5V3550	9022

Dimensions in bold are available from stock. Longer lengths in SPB and SPC sections are available on request.



TEXROPE S84 ST B255 1706475 17 x 6450 LI



L_d = datum length
 L_e = outside length
 L_i = inside length

Wrapped, classical section V-belt

TEXROPE® S84 has a long reputation for reliability and durability on industrial applications. The arched top provides superior strength to prevent 'dishing' and distortion of the tensile section, providing maximum belt life. The concave sidewalls straighten out to the exact shape of the pulley grooves, ensuring full contact with the sides of the pulleys. The main advantage of TEXROPE® S84 belts lies in the excellent balance between the load-carrying capacity of the tensile member and the drive capacity by the grip of the sidewalls.

Construction features

- Fabric cover provides grip, protection against external influences and resistance to abrasion.
- Monocord tensile members consist of specially treated high-strength polyester cord to transmit tensile forces and withstand occasional or recurrent shock loads.
- The belt compound converts tensile forces on the sidewalls into longitudinal forces in the tensile member.
- Good resistance to mineral oils and temperatures from -30°C up to +80°C.
- Conforms to ISO 4184, DIN 2215, NF T-47 141 and BS 3790.
- Meets anti-static requirements (ISO 1813).
- Can be used in the conditions described in the Directive 94/9/EC – ATEX.
- All TEXROPE® S84 belts are length-stable (marked ST).

Technical characteristics

	Z	A	B	C	D	E	25
Nom. section W x T (mm)	10 x 6	13 x 8	17 x 11	22 x 14	32 x 19	38 x 25	25 x 16
Datum width Wd (mm)	8.5	11	14	19	27	32	21
Weight (g/m)	60	110	188	310	590	900	420
Min. pulley diameter (mm)	63	71	112	170	300	450	224
$L_e - L_d$ (mm)	15	16	22	34	51	66	35
$L_d - L_i$ (mm)	22	30	43	52	75	82	61

The calculation procedure described in our TEXROPE® V-belt drive design manual (ref. E2/80002) provides all the information needed to calculate a drive system using TEXROPE® S84 belts. You can also consult our TEXROPE® drive design software. For more information on TDD Pro™, see page 42.

Z - 10 x 6

Belt code	RMA Code	Li mm	L _d mm
1000425	Z15 1/2	400	422
1000435	Z16	415	435
1000442	Z17	425	450
1000455	Z17 1/4	438	460
1000487	Z18	480	500
1000505	Z18 3/4	490	505
1000515	Z19	500	515
1000520	Z19 1/2	505	520
1000528	Z20	515	540
1000540	Z20 1/2	525	550
1000578	Z22	560	590
1000584	Z22 1/4	565	595
1000615	Z23 3/4	600	630
1000621	Z24	608	635
1000640	Z25	630	650
1000667	Z25 1/2	655	675
1000690	Z26	670	690
1000714	Z27	700	725
1000743	Z28 1/2	725	750
1000755	Z29	730	755
1000790	Z30 1/2	775	800
1000795	Z30 3/4	780	805
1000800	Z31	785	810
1000838	Z32	820	845
1000890	Z34 1/4	870	890
1000900	Z34 1/2	875	900
1000925	Z36	915	935
1000970	Z37	950	970
1000990	Z38 1/4	970	990
1001000	Z38 1/2	980	1000
1001010	Z39	990	1010
1001020	Z40	1000	1020
1001060	Z41	1050	1070
1001150	Z44	1125	1152
1001180	Z46	1165	1185
1001200	Z47	1180	1200
1001220	Z47 1/2	1194	1220
1001238	Z48	1230	1250
1001250	Z49	1235	1260
1001275	Z49 1/2	1250	1275
1001295	Z50	1270	1295
1001305	Z50 1/2	1285	1305
1001327	Z51	1300	1327
1001340	Z52	1320	1350
1001362	Z53	1346	1362
1001395	Z54	1371	1395
1001420	Z55	1400	1420
1001475	Z57	1450	1475
1001500	Z58	1475	1500
1001525	Z59	1500	1525
1001540	Z59 1/2	1515	1540
1001550	Z60	1524	1550
1001580	Z61	1550	1580
1001600	Z62	1575	1600
1001625	Z63	1600	1625
1001650	Z64	1626	1650
1001675	Z65	1651	1680
1001700	Z66	1675	1700
1001725	Z67	1700	1725
1001750	Z68	1725	1750
1001775	Z69	1750	1775
1001800	Z70	1775	1800
1001825	Z71	1800	1825
1001850	Z72	1829	1850
1001875	Z73	1850	1875
1001925	Z75	1900	1925
1001950	Z76	1930	1950
1002000	Z78	1975	2000
1002025	Z79	2000	2025

A - 13 x 8

Belt code	RMA Code	Li mm	L _d mm
1300441	A16	425	455
1300483	A18	457	490
1300505	A19	475	505
1300555	A20	525	555
1300570	A21	540	570
1300595	A22	565	595
1300620	A23	590	620
1300630	A23 1/2	600	630
1300635	A24	610	640
1300663	A25	630	663
1300675	A25 1/2	650	680
1300684	A26	670	700
1300716	A27	700	730
1300745	A28	710	745
1300755	A28 1/2	740	770
1300767	A29	750	780
1300775	A29 1/2	760	790
1300794	A30	767	800
1300810	A31	775	810
1300825	A31 1/2	800	825
1300835	A32	805	835
1300838	A32 1/4	825	855
1300840	A32 1/2	838	860
1300850	A32 3/4	841	870
1300857	A33	850	875
1300869	A33 1/4	855	880
1300900	A34	875	900
1300905	A34 1/2	889	919
1300912	A35	900	930
1300945	A36	914	945
1300955	A36 1/2	925	955
1300960	A37	950	975
1300971	A37 1/4	965	1000
1300993	A38	975	1010
1301004	A38 1/2	985	1015
1301040	A39	1000	1020
1301045	A40	1016	1045
1301055	A40 1/2	1030	1060
1301060	A41	1041	1070
1301085	A41 1/2	1060	1095
1301093	A42	1075	1100
1301110	A43	1090	1120
1301120	A43 1/2	1105	1135
1301130	A44	1120	1145
1301155	A44 1/2	1130	1160
1301165	A45	1143	1165
1301175	A45 1/2	1150	1175
1301193	A46	1180	1205
1301220	A47	1200	1220
1301235	A47 1/2	1210	1235
1301244	A48	1225	1255
1301270	A48 1/2	1240	1265
1301278	A48 3/4	1250	1280
1301280	A49	1270	1295
1301310	A50	1280	1310
1301318	A50 1/2	1290	1318
1301321	A51	1300	1330
1301335	A51 1/2	1315	1345
1301355	A52	1320	1355
1301360	A52 1/2	1335	1365
1301385	A53	1350	1385
1301400	A54	1375	1400
1301410	A54 1/2	1400	1430
1301421	A55	1410	1440
1301447	A56	1422	1455
1301473	A57	1450	1485
1301500	A58	1475	1505
1301515	A59	1500	1525
1301545	A60	1525	1560
1301580	A61	1550	1580

A - 13 x 8

Belt code	RMA Code	Li mm	L _d mm
1301610	A62	1575	1610
1301620	A62 1/2	1600	1620
1301625	A63	1615	1645
1301651	A64	1625	1655
1301670	A65	1650	1680
1301710	A66	1676	1706
1301730	A67	1700	1730
1301750	A67 1/2	1725	1755
1301756	A68	1750	1775
1301785	A69	1760	1790
1301800	A70	1775	1810
1301828	A71	1800	1835
1301854	A72	1825	1860
1301880	A73	1854	1885
1301905	A74	1880	1915
1301931	A75	1900	1940
1301960	A76	1930	1960
1301981	A77	1960	1990
1302003	A78	1980	2010
1302025	A79	2000	2040
1302060	A80	2032	2065
1302085	A81	2060	2090
1302109	A82	2083	2115
1302130	A83	2100	2130
1302140	A83 1/2	2120	2150
1302150	A84	2134	2165
1302180	A84 1/2	2150	2180
1302190	A85	2160	2200
1302220	A86	2200	2220
1302235	A87	2215	2245
1302250	A88	2240	2270
1302295	A89	2261	2295
1302315	A90	2286	2320
1302336	A91	2306	2345
1302370	A92	2337	2370
1302387	A93	2360	2395
1302413	A94	2383	2420
1302445	A95	2413	2445
1302470	A96	2438	2475
1302489	A97	2464	2495
1302525	A98	2500	2530
1302565	A100	2540	2570
1302616	A102	2591	2620
1302667	A104	2650	2680
1302699	A105	2680	2710
1302750	A107	2725	2750
1302768	A108	2743	2775
1302819	A110	2800	2830
1302877	A112	2845	2885
1302920	A114	2896	2920
1302950	A115	2921	2950
1302971	A116	2946	2980
1303000	A117	2972	3000
1303022	A118	3000	3030
1303080	A120	3048	3085
1303175	A124	3150	3180
1303283	A128	3250	3290
1303335	A130	3305	3335
1303380	A132	3350	3380
1303436	A134	3404	3436
1303485	A136	3454	3485
1303507	A137	3477	3515
1303580	A140	3550	3580
1303660	A143	3630	3660
1303690	A144	3660	3690
1303713	A145	3685	3713
1303780	A148	3750	3780
1303835	A150	3800	3835
1304038	A158	4000	4045

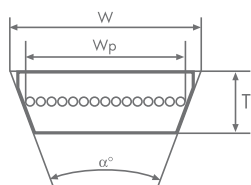
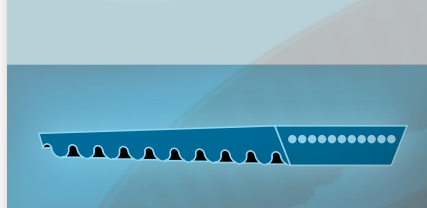
B - 17 x 11

Belt code	RMA Code	Li mm	L _d mm
1700695	B26	650	690
1700745	B28	710	745
1700772	B29	745	785
1700790	B30	750	790
1700825	B31	790	835
1700860	B32	825	860
1700870	B32 1/4	830	870
1700875	B32 1/2	835	875
1700900	B34	850	900
1700919	B35	889	930
1700925	B35 3/4	895	940
1700934	B36	900	950
1700960	B36 3/4	920	965
1700970	B37	925	970
1700995	B37 1/2	950	985
1701000	B38	965	1010
1701019	B38 1/2	975	1020
1701026	B39	1000	1040
1701065	B40	1030	1065
1701085	B41	1040	1085
1701100	B42	1060	1105
1701130	B42 1/2	1075	1110
1701145	B43	1100	1145
1701150	B44	1110	1150
1701159	B44 1/2	1120	1160
1701165	B45	1150	1185
1701200	B46	1175	1210
1701230	B46 1/2	1190	1230
1701235	B47	1200	1235
1701250	B47 1/4	1207	1250
1701261	B48	1215	1265
1701270	B48 1/2	1225	1275
1701280	B49	1250	1290
1701295	B49 1/2	1275	1318
1701305	B50	1290	1330
1701328	B51	1300	1340
1701365	B52	1320	1365
1701375	B52 1/2	1350	1390
1701385	B53	1360	1405
1701400	B53 1/2	1372	1420
1701407	B54	1400	1440
1701428	B55	1410	1450
1701465	B55 1/2	1422	1465
1701480	B56	1435	1480
1701500	B57	1450	1500
1701520	B58	1473	1520
1701533	B58 1/2	1485	1533
1701552	B59	1500	1550
1701580	B59 1/2	1520	1560
1701585	B60	1525	1565
1701595	B61	1550	1595
1701615	B61 1/2	1575	1615
1701620	B62	1590	1630
1701634	B63	1600	1635
1701670	B64	1625	1670
1701686	B65	1650	1690
1701710	B65 1/2	1676	1720
1701720	B66	1697	1735
1701740	B66 1/2	1700	1740
1701745	B67	1707	1745
1701755	B67 1/4	1715	1755
1701763	B68	1725	1770
1701774	B69	1750	1795
1701800	B69 1/2	1761	1805
1701813	B70	1775	1820
1701838	B71	1800	1850
1701864	B72	1829	1875
1701885	B73	1850	1895
1701916	B74	1880	1925
1701938	B75	1900	1945

[illegible]

D - 32 x 19				E - 38 x 25				25 - 25 x 16		
Belt code	RMA Code	Li mm	L _j mm	Belt code	RMA Code	Li mm	L _j mm	Belt code mm	Li mm	L _j mm
3202075	D79	2000	2075	38-03085	E117	3000	3085	25-01600	1600	1660
3202354	D90	2300	2370	38-04080	E157	4000	4105	25-01670	1670	1730
3202430	D93	2360	2430	38-04660	E180	4600	4685	25-01800	1800	1860
3202500	D96	2425	2500	38-05040	E195	5000	5065	25-01900	1900	1960
3202575	D98	2500	2575	38-05430	E210	5375	5455	25-01950	1950	2010
3202720	D104	2650	2720	38-05680	E220	5600	5705	25-02000	2000	2060
3202858	D110	2800	2875	38-06102	E240	6050	6125	25-02050	2050	2110
3203040	D116	2965	3025	38-06380	E248	6300	6405	25-02120	2120	2180
3203075	D118	3000	3075	38-06862	E270	6800	6890	25-02200	2200	2260
3203118	D120	3048	3135	38-07180	E280	7100	7205	25-02240	2240	2300
3203213	D124	3150	3230	38-07622	E300	7550	7650	25-02325	2325	2385
3203275	D126	3200	3275	37-08080	E315	8000	8105	25-02360	2360	2420
3203321	D128	3251	3335	38-08382	E330	8350	8410	25-02450	2450	2510
3203413	D132	3350	3425	38-09147	E360	9100	9175	25-02500	2500	2560
3203533	D137	3475	3550	38-10080	E394	10000	10105	25-02650	2650	2710
3203616	D140	3550	3625	38-10672	E420	10600	10700	25-02700	2700	2760
3203710	D143	3658	3725	38-11280	E440	11200	11305	25-02800	2800	2860
3203729	D144	3670	3745	38-12192	E480	12150	12220	25-02950	2950	3010
3203819	D148	3750	3825	38-13717	E540	13650	13745	25-03000	3000	3060
3204000	D154	3915	4000	38-15242	E600	15200	15270	25-03150	3150	3210
3204063	D158	4000	4080					25-03350	3350	3410
3204181	D162	4125	4200					25-03550	3550	3610
3204302	D167	4250	4325					25-03750	3750	3810
3204370	D170	4310	4385					25-03950	3950	4010
3204463	D173	4394	4480					25-04000	4000	4060
3204560	D177	4500	4575							
3204643	D180	4572	4660							
3204810	D187	4750	4825							
3204960	D192	4875	4960							
3205023	D195	4953	5040							
3205330	D207	5270	5345							
3205375	D208	5300	5375							
3205420	D210	5350	5435							
3205663	D220	5600	5680							
3205726	D223	5670	5740							
3205795	D225	5715	5795							
3206000	D233	5925	6000							
3206075	D236	6000	6075							
3206103	D240	6045	6120							
3206300	D248	6245	6320							
3206363	D250	6300	6380							
3206475	D255	6415	6490							
3206766	D266	6700	6775							
3206863	D270	6805	6880							
3207163	D280	7100	7180							
3207245	D287	7239	7315							
3207623	D300	7565	7640							
3208063	D317	8000	8080							
3208383	D330	8325	8400							
3208569	D335	8500	8575							
3208765	D345	8700	8780							
3209148	D360	9090	9165							
3209560	D374	9500	9575							
3209950	D390	9880	9950							
3210063	D394	10000	10080							
3210673	D420	10615	10690							
3211263	D443	11200	11280							
3212193	D480	12135	12210							
3212557	D494	12500	12575							
3213718	D540	13660	13735							
3215243	D600	15185	15260							
					</					

Dimensions in bold are available from stock.
Longer lengths in B, C and D sections are available on request.



Variable-speed drive belt

TEXROPE® VARI-PHI® optimises drive characteristics by achieving an optimal power or torque at each speed. They have a uniform operation and work at reduced noise levels. All these characteristics, together with a longer belt life, enable variable-speed belts to achieve optimum performances whether on simple symmetrical variable-speed pulleys, variable-speed units or units with integral gear reducers.

TEXROPE® offers two ranges of variable-speed belts:

- a range conforming to ISO 1604 (W 16 to W 100 sections);
- a range of non-standard "VNN" belts, specific to certain European variable-speed drives.

Construction features

- Top fabric, high-strength monocord tensile members and an abrasion-resistant fibre-reinforced compound.
- Moulded notch profile ensures optimum stress distribution.
- 28° angle for standard sections, 26° or 28° angle for "VNN" sections.
- Top sides are bevelled to reduce edge stresses.

Technical characteristics

ISO 1604	W 16	W 20	W 25	W 31.5	W 40	W 50
Nom. section W x T (mm)	17 x 6	21 x 7	26 x 8	33 x 10	42 x 13	52 x 16
Pitch width W _p (mm)	16	20	25	32	40	50
Angle α°	28	28	28	28	28	28
ISO 1604	W 63	W 80	W 100			
Nom. section W x T (mm)	65 x 20	83 x 26	104 x 32			
Pitch width W _p (mm)	63	80	100			
Angle α°	28	28	28			
"VNN" W x T (mm)	13 x 6	22 x 8	28 x 8	37 x 10	47 x 13	55 x 16
Angle α°	26	26	26	28	28	28

ISO 1604 sections

Belt code	Section	Lp mm	Li mm	Angle
ISO-W16	17 x 6	450	425	28°
ISO-W16	17 x 6	500	475	28°
ISO-W16	17 x 6	560	535	28°
ISO-W16	17 x 6	630	605	28°
ISO-W16	17 x 6	800	775	28°
ISO-W20	21 x 7	560	529	28°
ISO-W20	21 x 7	630	599	28°
ISO-W20	21 x 7	710	679	28°
ISO-W20	21 x 7	800	769	28°
ISO-W20	21 x 7	900	869	28°
ISO-W20	21 x 7	1000	969	28°
ISO-W20	21 x 7	1120	1089	28°
ISO-W20	21 x 7	1250	1219	28°
ISO-W25	26 x 8	710	672	28°
ISO-W25	26 x 8	800	762	28°
ISO-W25	26 x 8	900	862	28°
ISO-W25	26 x 8	1000	962	28°
ISO-W25	26 x 8	1120	1082	28°
ISO-W25	26 x 8	1250	1212	28°
ISO-W25	26 x 8	1400	1362	28°
ISO-W25	26 x 8	1600	1562	28°
ISO-W31.5	33 x 10	900	850	28°
ISO-W31.5	33 x 10	1000	950	28°
ISO-W31.5	33 x 10	1120	1070	28°
ISO-W31.5	33 x 10	1250	1200	28°
ISO-W31.5	33 x 10	1400	1350	28°
ISO-W31.5	33 x 10	1600	1550	28°
ISO-W31.5	33 x 10	1800	1750	28°
ISO-W40	42 x 13	1000	943	28°
ISO-W40	42 x 13	1120	1063	28°
ISO-W40	42 x 13	1250	1193	28°
ISO-W40	42 x 13	1400	1343	28°
ISO-W40	42 x 13	1500	1443	28°
ISO-W40	42 x 13	1600	1543	28°
ISO-W40	42 x 13	1700	1643	28°
ISO-W40	42 x 13	1800	1743	28°
ISO-W40	42 x 13	2000	1943	28°
ISO-W40	42 x 13	2240	2183	28°
ISO-W40	42 x 13	2500	2443	28°
ISO-W50	52 x 16	1120	1045	28°
ISO-W50	52 x 16	1250	1175	28°
ISO-W50	52 x 16	1400	1325	28°
ISO-W50	52 x 16	1600	1525	28°
ISO-W50	52 x 16	1700	1625	28°
ISO-W50	52 x 16	1800	1725	28°
ISO-W50	52 x 16	2000	1925	28°
ISO-W50	52 x 16	2240	2165	28°
ISO-W50	52 x 16	2500	2425	28°
ISO-W50	52 x 16	2800	2725	28°
ISO-W50	52 x 16	3150	3075	28°
ISO-W63	65 x 20	1600	1500	28°
ISO-W63	65 x 20	1800	1700	28°
ISO-W63	65 x 20	2000	1900	28°
ISO-W63	65 x 20	2240	2140	28°
ISO-W63	65 x 20	2500	2400	28°
ISO-W63	65 x 20	2800	2700	28°
ISO-W63	65 x 20	3150	3050	28°
ISO-W63	65 x 20	3550	3450	28°
ISO-W63	65 x 20	4000	3900	28°
ISO-W80	83 x 26	1800	1674	28°
ISO-W80	83 x 26	2240	2114	28°
ISO-W80	83 x 26	2500	2374	28°
ISO-W80	83 x 26	2800	2674	28°
ISO-W80	83 x 26	3150	3024	28°
ISO-W80	83 x 26	3550	3424	28°
ISO-W80	83 x 26	4000	3874	28°
ISO-W100	104 x 32	2800	2650	28°
ISO-W100	104 x 32	3150	3000	28°
ISO-W100	104 x 32	3550	3400	28°
ISO-W100	104 x 32	4500	4350	28°
ISO-W100	104 x 32	5600	5450	28°

"VNN" sections

Belt code	Section	Li mm	Angle
13x6-600	13 x 6	600	26°
13x6-650	13 x 6	650	26°
13x6-700	13 x 6	700	26°
13x6-750	13 x 6	750	26°
13x6-800	13 x 6	800	26°
13x6-850	13 x 6	850	26°
13x6-900	13 x 6	900	26°
22x8-600	22 x 8	600	26°
22x8-650	22 x 8	650	26°
22x8-700	22 x 8	700	26°
22x8-750	22 x 8	750	26°
22x8-800	22 x 8	800	26°
22x8-850	22 x 8	850	26°
22x8-900	22 x 8	900	26°
22x8-950	22 x 8	950	26°
22x8-1000	22 x 8	1000	26°
22x8-1060	22 x 8	1060	26°
22x8-1120	22 x 8	1120	26°
28x8-600	28 x 8	600	26°
28x8-650	28 x 8	650	26°
28x8-700	28 x 8	700	26°
28x8-750	28 x 8	750	26°
28x8-800	28 x 8	800	26°
28x8-850	28 x 8	850	26°
28x8-900	28 x 8	900	26°
28x8-950	28 x 8	950	26°
28x8-1000	28 x 8	1000	26°
28x8-1060	28 x 8	1060	26°
28x8-1120	28 x 8	1120	26°
28x8-1180	28 x 8	1180	26°
28x8-1250	28 x 8	1250	26°
28x8-1320	28 x 8	1320	26°
28x8-1400	28 x 8	1400	26°
28x8-1500	28 x 8	1500	26°

"VNN" sections

Belt code	Section	Li mm	Angle
37x10-750	37 x 10	750	28°
37x10-800	37 x 10	800	28°
37x10-850	37 x 10	850	28°
37x10-900	37 x 10	900	28°
37x10-950	37 x 10	950	28°
37x10-1000	37 x 10	1000	28°
37x10-1060	37 x 10	1060	28°
37x10-1120	37 x 10	1120	28°
37x10-1180	37 x 10	1180	28°
37x10-1250	37 x 10	1250	28°
37x10-1320	37 x 10	1320	28°
37x10-1400	37 x 10	1400	28°
37x10-1500	37 x 10	1500	28°
37x10-1600	37 x 10	1600	28°
37x10-1700	37 x 10	1700	28°
47x13-900	47 x 13	900	28°
47x13-1000	47 x 13	1000	28°
47x13-1060	47 x 13	1060	28°
47x13-1120	47 x 13	1120	28°
47x13-1180	47 x 13	1180	28°
47x13-1250	47 x 13	1250	28°
47x13-1320	47 x 13	1320	28°
47x13-1400	47 x 13	1400	28°
47x13-1500	47 x 13	1500	28°
47x13-1600	47 x 13	1600	28°
47x13-1700	47 x 13	1700	28°
47x13-1800	47 x 13	1800	28°
47x13-2000	47 x 13	2000	28°
47x13-2240	47 x 13	2240	28°
55x16-1180	55 x 16	1180	28°
55x16-1250	55 x 16	1250	28°
55x16-1320	55 x 16	1320	28°
55x16-1400	55 x 16	1400	28°
55x16-1500	55 x 16	1500	28°
55x16-1600	55 x 16	1600	28°
55x16-1700	55 x 16	1700	28°
55x16-1800	55 x 16	1800	28°
55x16-2000	55 x 16	2000	28°
55x16-2240	55 x 16	2240	28°

Dimensions in bold are available from stock.



Wrapped, classical section double V-belt

TEXROPE® HEXAGO double V-belts are specially suited for drives transmitting power to pulleys rotating in different directions. They are the ideal solution for serpentine drives where power is transmitted from both the top and the bottom of the belts.

Construction features

- Construction comparable to that of TEXROPE® S84 belts.
- Fabric jacket construction.
- High-strength monocord tensile members.
- Meets anti-static requirements (ISO 1813).
- Can be used in the conditions described in the Directive 94/9/EC – ATEX.

Technical characteristics

	AA	BB	CC	DD
b _b (mm)	12.7	16.7	22.2	31.8
h _b (mm)	10.3	13.5	17.5	25.4

[illegible]

All dimensions are available on request.



Wrapped, narrow section / classical section
multiple V-belt

TEXROPE® MULTI VP2 / MULTI 84 multiple V-belts consist of several V-belts joined together by a permanent, high strength tie band, thus being stronger than all belts taken separately. They offer a smooth running solution for drives where single belts vibrate, turn over or jump off the pulleys and provide a stable position in the pulleys.

Construction features

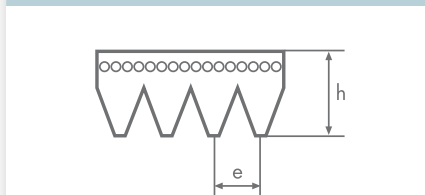
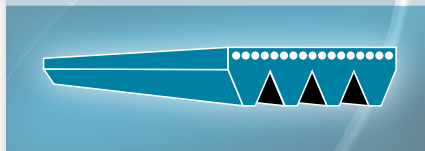
- Consists of two or more VP2 / S84 belts joined together by a fabric-reinforced tie band laid across the top.
- Strong tie band controls belt-to-belt pitch and prevents sideways bending.
- Good resistance to mineral oils and temperatures from -30°C up to +80°C.
- Construction features (ISO 1813).
- Can be used in the conditions described in the Directive 94/9/EC – ATEX.

Technical characteristics

	MULTI VP2		MULTI 84		
	SPB	15J	A	B	C
Section	SPB	SPB	A	B	C
Pulley standard	ISO 4183	ISO 5290	ISO 5290	ISO 5290	ISO 5290
Groove spacing e (mm)	19	17.5	15.9	19.05	25.4
Le - L ₃ (mm)	22	22	16	22	34
Max. length	17400	17400	4045	17400	17400



TEXROPE® VSX PL 1333 525L



V-ribbed belt

Through their truncated rib design, TEXROPE® VSX V-ribbed belts ensure outstanding performance at higher speeds on smaller diameter pulleys. This premium TEXROPE® belt is a compact and economical option for any industrial multi-ribbed drive and guarantees a long and improved service life covering a multitude of applications.

Construction features

- Fabric-reinforced top layer to withstand reverse bending and allow auxiliary driving from the back of the belt.
- Specially treated high-strength tensile member withstands stresses with reduced elongation.
- The longitudinally ribbed high-grip elastomeric base offers a large contact surface.
- Suitable for PH, PJ, PK, PL and PM pulley profiles as specified in DIN 7867 and ISO 9982; suitable for H, J, K, L and M pulley profiles as specified in RMA IP-26.
- Good resistance to mineral oils and temperatures from -30°C up to +80°C.
- Conforms to ISO 9982.
- Meets anti-static requirements (ISO 1813).
- Can be used in the conditions described in the Directive 94/9/EC – ATEX.

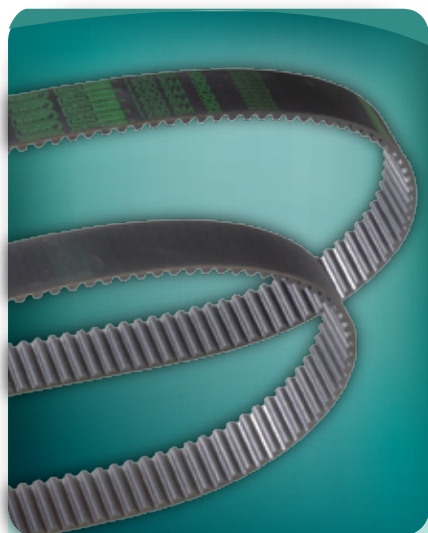
Technical characteristics

	PJ	PL	PM
Centre distance e (mm)	2.34	4.7	9.4
Height h (mm)	3.5	9.5	16.5
Weight per rib (g/m)	9.3	36	150
Min. pulley diameter (mm)	20	75	180
Min. reverse bend diameter (mm)	45	140	300

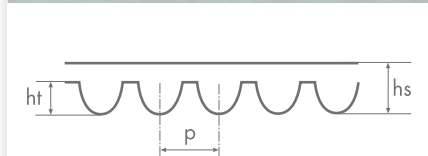
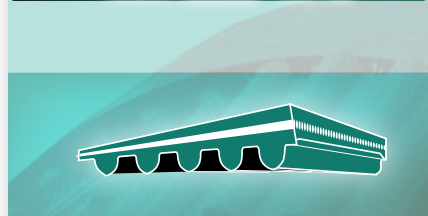
PJ		PL		PM	
Belt code	Eff. length	Belt code	Eff. length	Belt code	Eff. length
Eff. length (mm)	inch	Eff. length (mm)	inch	Eff. length (mm)	inch
PJ356	14.00	PL954	37.50	PM2286	90.00
PJ381	15.00	PL991	39.00	PM2388	94.00
PJ406	16.00	PL1075	42.30	PM2515	99.00
PJ432	17.00	PL1270	50.00	PM2693	106.00
PJ457	18.00	PL1333	52.50	PM2832	111.50
PJ483	19.00	PL1371	54.00	PM2921	115.00
PJ508	20.00	PL1397	55.00	PM3010	118.50
PJ559	22.00	PL1422	56.00	PM3124	123.00
PJ584	23.00	PL1562	61.50	PM3327	131.00
PJ610	24.00	PL1613	63.50	PM3531	139.00
PJ660	26.00	PL1664	65.50	PM3734	147.00
PJ711	28.00	PL1715	67.50	PM4089	161.00
PJ723	28.50	PL1765	69.50	PM4191	165.00
PJ737	29.00	PL1803	71.00	PM4470	176.00
PJ762	30.00	PL1842	72.50	PM4648	183.00
PJ813	32.00	PL1943	76.50	PM5029	198.00
PJ838	33.00	PL1981	78.00	PM5410	213.00
PJ864	34.00	PL2019	79.50	PM6121	241.00
PJ914	36.00	PL2070	81.50	PM6502	256.00
PJ955	37.60	PL2096	82.50	PM6883	271.00
PJ965	38.00	PL2134	84.00	PM7646	301.00
PJ1016	40.00	PL2197	86.50	PM8408	331.00
PJ1041	41.00	PL2235	88.00	PM9169	361.00
PJ1067	42.00	PL2324	91.50	PM9931	391.00
PJ1092	43.00	PL2362	93.00		
PJ1105	43.50	PL2477	97.50		
PJ1110	43.70	PL2515	99.00		
PJ1118	44.00	PL2705	106.50		
PJ1123	44.20	PL2743	108.00		
PJ1130	44.50	PL2845	112.00		
PJ1136	44.70	PL2895	114.00		
PJ1150	45.30	PL2921	115.00		
PJ1168	46.00	PL2997	118.00		
PJ1194	47.00	PL3086	121.50		
PJ1200	47.30	PL3125	123.00		
PJ1222	48.00	PL3289	129.50		
PJ1233	48.50	PL3327	131.00		
PJ1244	49.00	PL3493	137.50		
PJ1262	49.70	PL3696	145.50		
PJ1270	50.00				
PJ1280	50.40				
PJ1300	51.20				
PJ1309	51.50				
PJ1321	52.00				
PJ1333	52.50				
PJ1355	53.40				
PJ1371	54.00				
PJ1397	55.00				
PJ1428	56.20				
PJ1439	56.70				
PJ1473	58.00				
PJ1549	61.00				
PJ1600	63.00				
PJ1651	65.00				
PJ1663	65.50				
PJ1752	69.00				
PJ1854	73.00				
PJ1895	74.60				
PJ1910	75.20				
PJ1930	76.00				
PJ1956	77.00				
PJ1981	78.00				
PJ1992	78.40				
PJ2083	82.00				
PJ2210	87.00				
PJ2337	92.00				
PJ2489	98.00				

All dimensions are available from stock. TEXROPE® VSX PH and PK sections are available on request. TEXROPE® VSX belts are also available in slabs. Please consult TEXROPE® price list or our customer service for more information on available slab widths.





TEXROPE® Extra Drive™ 1280 8M



Synchronous belt with curvilinear tooth profile

TEXROPE® ExtraDrive™ synchronous belts offer a maintenance-free and economical alternative to conventional drives like chains and gears. They are made of a highly advanced combination of materials and cover the widest range of industrial applications. TEXROPE® ExtraDrive™ belts transmit up to 200% more power than TEXROPE® SupraDrive™ belts. They are available in 8M and 14M pitches and can be installed on existing 8M and 14M pulleys since the entire belt range is designed to run on existing drives and does not require any system changes.

Construction features

- Anti-abrasion facing protects the contact surfaces and improves shear resistance and adhesion.
- Fibreglass tensile cords ensure excellent flex life and high resistance to elongation.
- The teeth are made of a durable rubber compound. They are accurately pitched, engage precisely with the pulley grooves and have a high tooth jump resistance.
- Precision-formed curvilinear tooth profile improves stress distribution, enhance load capacity and significantly reduce noise levels.
- Good resistance to commonly used oils and temperatures from -25°C up to +100°C.
- Meets anti-static requirements (ISO 9563).
- Can be used in the conditions described in the Directive 94/9/EC – ATEX.

Technical characteristics

	8M	14M
Pitch p (mm)	8	14
Tooth height ht (mm)	3.4	6.1
Belt height hs (mm)	5.6	10
Belt unit weight (g/m) for 1 mm width	6.4	9.8
Minimal pulley outside diameter in number of teeth	22	28
Minimal pitch diameter (mm)	56.02	124.78

The calculation procedure described in our TEXROPE® Synchronous belt drive design manual (ref. E2/80019) provides all the information needed to calculate a drive system using TEXROPE® ExtraDrive™ belts. You can also consult our TEXROPE® drive design software. For more information on TDD Pro™, see page 42.

8M			14M		
Belt code	Lp mm	N° of teeth	Belt code	Lp mm	N° of teeth
384 8M 20 EXTRADrive	384	48	966 14M 40 EXTRADrive	966	69
480 8M 20 EXTRADrive	480	60	1190 14M 40 EXTRADrive	1190	85
560 8M 20 EXTRADrive	560	70	1400 14M 40 EXTRADrive	1400	100
600 8M 20 EXTRADrive	600	75	1610 14M 40 EXTRADrive	1610	115
640 8M 20 EXTRADrive	640	80	1778 14M 40 EXTRADrive	1778	127
720 8M 20 EXTRADrive	720	90	1890 14M 40 EXTRADrive	1890	135
800 8M 20 EXTRADrive	800	100	2100 14M 40 EXTRADrive	2100	150
840 8M 20 EXTRADrive	840	105	2310 14M 40 EXTRADrive	2310	165
880 8M 20 EXTRADrive	880	110	2450 14M 40 EXTRADrive	2450	175
920 8M 20 EXTRADrive	920	115	2590 14M 40 EXTRADrive	2590	185
960 8M 20 EXTRADrive	960	120	2800 14M 40 EXTRADrive	2800	200
1040 8M 20 EXTRADrive	1040	130	3150 14M 40 EXTRADrive	3150	225
1120 8M 20 EXTRADrive	1120	140	3360 14M 40 EXTRADrive	3360	240
1160 8M 20 EXTRADrive	1160	145	3500 14M 40 EXTRADrive	3500	250
1200 8M 20 EXTRADrive	1200	150	3850 14M 40 EXTRADrive	3850	275
1280 8M 20 EXTRADrive	1280	160	4326 14M 40 EXTRADrive	4326	309
1440 8M 20 EXTRADrive	1440	180	4578 14M 40 EXTRADrive	4578	327
1600 8M 20 EXTRADrive	1600	200	4956 14M 40 EXTRADrive	4956	354
1760 8M 20 EXTRADrive	1760	220			
1800 8M 20 EXTRADrive	1800	225			
2000 8M 20 EXTRADrive	2000	250			
2400 8M 20 EXTRADrive	2400	300			
2600 8M 20 EXTRADrive	2600	325			
2800 8M 20 EXTRADrive	2800	350			
3048 8M 20 EXTRADrive	3048	381			
3280 8M 20 EXTRADrive	3280	410			
3600 8M 20 EXTRADrive	3600	450			
4400 8M 20 EXTRADrive	4400	550			

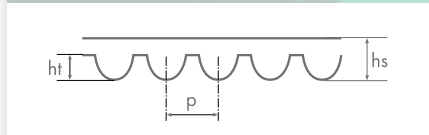
Dimensions in bold are available from stock.

TEXROPE® ExtraDrive™ belts are also available in slabs. Please consult TEXROPE® price list or our customer service for more information on available slab widths.

Standard widths			
Code	mm	8M	14M
20	20	x	
30	30	x	
40	40		x
50	50	x	
55	55		x
85	85	x	x
115	115		x
170	170		x



TEXROPE® SupraDrive™ 1280 8M



Synchronous belt with HTD® tooth profile

TEXROPE® SupraDrive™ belts have a round tooth profile and are available in 5M, 8M and 14M pitches. They offer superior performances on existing HTD® pulleys and transmit up to 30% more power than TEXROPE® STB belts. TEXROPE® SupraDrive™ belts are used in high performance drives where durability and low maintenance are required.

Construction features

- Tough tensile cords ensure excellent flex life and high resistance to elongation.
- The teeth are made of a durable rubber compound. They are accurately pitched, engage precisely with the pulley grooves and have a high tooth jump resistance.
- Special HTD® tooth design improves stress distribution and power carrying capacity.
- Good resistance to commonly used oils and temperatures from -25°C up to +100°C.

Technical characteristics

	5M	8M	14M
Pitch p (mm)	5	8	14
Tooth height ht (mm)	2.1	3.4	6.1
Belt height hs (mm)	3.8	5.6	10
Belt unit weight (g/m) for 1 mm width	3.9	6.4	9.8
Minimal pulley outside diameter in number of teeth	18	22	28
Minimal pitch diameter (mm)	28.65	56.02	124.78

The calculation procedure described in our TEXROPE® Synchronous belt drive design manual (ref. E2/80019) provides all the information needed to calculate a drive system using TEXROPE® SupraDrive™ belts. You can also consult our TEXROPE® drive design software. For more information on TDD Pro™, see page 42.

5M		
Belt code	Lp mm	N° of teeth
225-5M	225	45
255-5M	255	51
280-5M	280	56
300-5M	300	60
325-5M	325	65
340-5M	340	68
350-5M	350	70
360-5M	360	72
365-5M	365	73
375-5M	375	75
425-5M	425	85
450-5M	450	90
475-5M	475	95
500-5M	500	100
520-5M	520	104
525-5M	525	105
535-5M	535	107
550-5M	550	110
600-5M	600	120
635-5M	635	127
670-5M	670	134
700-5M	700	140
740-5M	740	148
750-5M	750	150
800-5M	800	160
835-5M	835	167
860-5M	860	172
890-5M	890	178
900-5M	900	180
925-5M	925	185
950-5M	950	190
1050-5M	1050	210
1125-5M	1125	225
1350-5M	1350	270
1420-5M	1420	284
1790-5M	1790	358

8M		
Belt code	Lp mm	N° of teeth
320 8M 20 SUPRADRIVE	320	40
376 8M 20 SUPRADRIVE	376	47
384 8M 20 SUPRADRIVE	384	48
424 8M 20 SUPRADRIVE	424	53
480 8M 20 SUPRADRIVE	480	60
560 8M 20 SUPRADRIVE	560	70
576 8M 20 SUPRADRIVE	576	72
600 8M 20 SUPRADRIVE	600	75
608 8M 20 SUPRADRIVE	608	76
624 8M 20 SUPRADRIVE	624	78
640 8M 20 SUPRADRIVE	640	80
656 8M 20 SUPRADRIVE	656	82
720 8M 20 SUPRADRIVE	720	90
760 8M 20 SUPRADRIVE	760	95
776 8M 20 SUPRADRIVE	776	97
800 8M 20 SUPRADRIVE	800	100
880 8M 20 SUPRADRIVE	880	110
912 8M 20 SUPRADRIVE	912	114
920 8M 20 SUPRADRIVE	920	115
960 8M 20 SUPRADRIVE	960	120
976 8M 20 SUPRADRIVE	976	122
1000 8M 20 SUPRADRIVE	1000	125
1040 8M 20 SUPRADRIVE	1040	130
1080 8M 20 SUPRADRIVE	1080	135
1120 8M 20 SUPRADRIVE	1120	140
1128 8M 20 SUPRADRIVE	1128	141
1160 8M 20 SUPRADRIVE	1160	145
1200 8M 20 SUPRADRIVE	1200	150
1224 8M 20 SUPRADRIVE	1224	153
1256 8M 20 SUPRADRIVE	1256	157
1280 8M 20 SUPRADRIVE	1280	160
1304 8M 20 SUPRADRIVE	1304	163
1360 8M 20 SUPRADRIVE	1360	170
1424 8M 20 SUPRADRIVE	1424	178
1440 8M 20 SUPRADRIVE	1440	180
1520 8M 20 SUPRADRIVE	1520	190
1552 8M 20 SUPRADRIVE	1552	194
1600 8M 20 SUPRADRIVE	1600	200
1696 8M 20 SUPRADRIVE	1696	212
1760 8M 20 SUPRADRIVE	1760	220
1800 8M 20 SUPRADRIVE	1800	225
1904 8M 20 SUPRADRIVE	1904	238
2000 8M 20 SUPRADRIVE	2000	250
2080 8M 20 SUPRADRIVE	2080	260
2200 8M 20 SUPRADRIVE	2200	275
2240 8M 20 SUPRADRIVE	2240	280
2272 8M 20 SUPRADRIVE	2272	284
2400 8M 20 SUPRADRIVE	2400	300
2600 8M 20 SUPRADRIVE	2600	325
2800 8M 20 SUPRADRIVE	2800	350

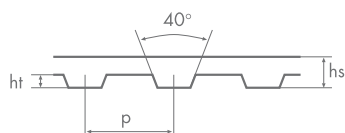
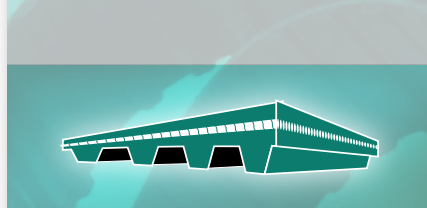
14M		
Belt code	Lp mm	N° of teeth
966 14M 40 SUPRADRIVE	966	69
1092 14M 40 SUPRADRIVE	1092	78
1190 14M 40 SUPRADRIVE	1190	85
1400 14M 40 SUPRADRIVE	1400	100
1610 14M 40 SUPRADRIVE	1610	115
1778 14M 40 SUPRADRIVE	1778	127
1890 14M 40 SUPRADRIVE	1890	135
2100 14M 40 SUPRADRIVE	2100	150
2310 14M 40 SUPRADRIVE	2310	165
2450 14M 40 SUPRADRIVE	2450	175
2590 14M 40 SUPRADRIVE	2590	185
2800 14M 40 SUPRADRIVE	2800	200
3150 14M 40 SUPRADRIVE	3150	225
3500 14M 40 SUPRADRIVE	3500	250
3850 14M 40 SUPRADRIVE	3850	275
4326 14M 40 SUPRADRIVE	4326	309
4578 14M 40 SUPRADRIVE	4578	327

Dimensions in bold are available from stock. 5M sections are only available in slabs. 8M and 14M are also available in slabs. Please consult TEXROPE® price list or our customer service for more information on available slab widths.

Standard widths			
Code	mm	8M	14M
20	20	x	
30	30	x	
40	40		x
50	50	x	
55	55		x
85	85	x	x
115	115		x
170	170		x



TEXROPE® STB 1120 XH 200



Synchronous belt with trapezoidal tooth profile

TEXROPE® STB, TEXROPE®'s classical synchronous belt with standard trapezoidal tooth profile, is available in XL, L, H and XH pitches. The positive belt drive, which uses tension solely for tractive force, and the wide range of power capacity covered by TEXROPE® STB make drive systems more compact and efficient and reduce maintenance costs.

Construction features

- Abrasion-resistant cover protects the teeth in their contact with the pulleys.
- Flexible rubber top cover protects the tensile cords.
- Tough tensile cords ensure excellent flex life and high resistance to elongation.
- Precisely formed and accurately spaced teeth ensure correct engagement with the pulley grooves.
- Good resistance to commonly used oils and temperatures from -25°C up to +100°C.
- The absence of metal-to-metal contact and the flexible meshing of the teeth keep the noise level reassuringly low.
- Conforms to ISO 5296.

Technical characteristics

	XL	L	H	XH
Pitch p (mm)	5.08	9.525	12.7	22.225
Tooth height ht (mm)	1.27	1.91	2.29	6.35
Belt height hs (mm)	2.3	3.6	4.3	11.2
Belt unit weight (g/m) for 1 mm width	2.3	3.4	4.3	11.8
Minimal pulley diameter in number of teeth	10	10	14	18
Minimal pitch diameter (mm)	16.17	30.32	56.6	127.34

The calculation procedure described in our TEXROPE® Synchronous belt drive design manual (ref. E2/80019) provides all the information needed to calculate a drive system using TEXROPE® STB belts. You can also consult our TEXROPE® drive design software. For more information on TDD Pro™, see page 42.

XL		
Belt code	Lp mm	N° of teeth
60 XL	152.40	30
70 XL	177.80	35
76 XL	193.04	38
80 XL	203.20	40
86 XL	218.44	43
88 XL	223.52	44
90 XL	228.60	45
92 XL	233.68	46
94 XL	238.76	47
96 XL	243.84	48
100 XL	254.00	50
102 XL	259.08	51
106 XL	269.24	53
108 XL	274.32	54
110 XL	279.40	55
112 XL	284.48	56
114 XL	289.56	57
116 XL	294.64	58
118 XL	299.72	59
120 XL	304.80	60
124 XL	314.96	62
126 XL	320.04	63
128 XL	325.12	64
130 XL	330.20	65
134 XL	340.36	67
136 XL	345.44	68
138 XL	350.52	69
140 XL	355.60	70
148 XL	375.92	74
150 XL	381.00	75
156 XL	396.24	78
160 XL	406.40	80
166 XL	421.64	83
170 XL	431.80	85
174 XL	441.96	87
176 XL	447.04	88
178 XL	452.12	89
180 XL	457.20	90
182 XL	462.28	91
184 XL	467.36	92
188 XL	477.52	94
190 XL	482.60	95
192 XL	487.68	96
196 XL	497.84	98
198 XL	502.92	99
200 XL	508.00	100
210 XL	533.40	105
220 XL	558.80	110
230 XL	584.20	115
232 XL	589.28	116
240 XL	609.60	120
250 XL	635.00	125
260 XL	660.40	130
270 XL	685.80	135
274 XL	695.96	137
280 XL	711.20	140
286 XL	726.44	143
290 XL	736.60	145
296 XL	751.84	148
300 XL	762.00	150
306 XL	777.24	153
310 XL	787.40	155
316 XL	802.64	158
322 XL	817.88	161

XL		
Belt code	Lp mm	N° of teeth
330 XL	838.20	165
340 XL	863.60	170
344 XL	873.76	172
350 XL	889.00	175
380 XL	965.20	190
382 XL	970.28	191
390 XL	990.60	195
392 XL	995.68	196
412 XL	1046.48	206
432 XL	1097.28	216
438 XL	1112.52	219
460 XL	1168.40	230
506 XL	1285.24	253
580 XL	1473.20	290

H		
Belt code	Lp mm	N° of teeth
240 H	609.60	48
255 H	647.70	51
270 H	685.80	54
300 H	762.00	60
330 H	838.20	66
360 H	914.40	72
370 H	939.80	74
390 H	990.60	78
420 H	1066.80	84
450 H	1143.00	90
480 H	1219.20	96
510 H	1295.40	102
540 H	1371.60	108
570 H	1447.80	114
600 H	1524.00	120
630 H	1600.20	126
660 H	1676.40	132
700 H	1778.00	140
750 H	1905.00	150
800 H	2032.00	160
850 H	2159.00	170
900 H	2286.00	180
1000 H	2540.00	200
1100 H	2794.00	220
1250 H	3175.00	250
1400 H	3556.00	280
1700 H	4318.00	340

XH		
Belt code	Lp mm	N° of teeth
507 XH	1289.05	58
560 XH	1422.40	64
630 XH	1600.20	72
700 XH	1778.00	80
770 XH	1955.80	88
840 XH	2133.60	96
980 XH	2489.20	112
1120 XH	2844.80	128
1260 XH	3200.40	144
1400 XH	3556.00	160
1540 XH	3911.60	176
1750 XH	4445.00	200

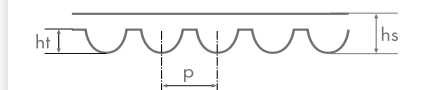
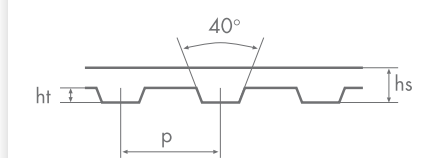
L		
Belt code	Lp mm	N° of teeth
124 L	314.33	33
150 L	381.00	40
187 L	476.25	50
202 L	514.35	54
210 L	533.40	56
225 L	571.50	60
236 L	600.08	63
240 L	609.60	64
244 L	619.13	65
255 L	647.70	68
270 L	685.80	72
285 L	723.90	76
300 L	762.00	80
322 L	819.15	86
345 L	876.30	92
367 L	933.45	98
390 L	990.60	104
420 L	1066.80	112
450 L	1143.00	120
480 L	1219.20	128
510 L	1295.40	136
540 L	1371.60	144
600 L	1524.00	160
630 L	1600.20	168
660 L	1676.40	176

Standard widths					
Code	mm	XL	L	H	XH
025	6.4	x			
037	9.5	x			
050	12.7		x		
075	19.1		x	x	
100	25.4		x	x	
150	38.1			x	
200	50.8			x	x
300	76.2			x	x
400	101.6				x

Dimensions in bold are available from stock.
 Other lengths are available on request.
 TEXROPE® STB belts are also available in slabs.
 Please consult TEXROPE® price list or our customer service for more information on available slab widths.



TEXROPE® LL HTD 8M-20



Open-end rubber synchronous belt

Next to endless belts, TEXROPE® offers a broad range of open-end belts that can easily be cut off to the required length. Open-end belts are especially suited for linear movements. TEXROPE® LL open-end rubber synchronous belts are available in STB (trapezoidal) and HTD® (round) tooth profiles. Standard TEXROPE® LL belts are supplied with fibreglass tensile cords, but we can also supply steel tensile cords.

STB profile

Belt code				Width mm
LL	XL	025		6.35
LL	XL	031		7.94
LL	XL	037		9.53
LL	XL	050		12.70
LL	L	037		9.35
LL	L	050		12.70
LL	L	075		19.05

Belt code				Width mm
LL	L	100		25.40
LL	H	050		12.70
LL	H	075		19.05
LL	H	100		25.40
LL	H	150		38.10
LL	H	200		50.80
LL	H	300		76.20

	XL	L	H
Pitch p (mm)	5.08	9.53	12.7
Tooth height ht (mm)	1.27	1.91	2.29
Belt height hs (mm)	2.3	3.6	4.3
Belt unit weight (g/m) for 1 mm width	2.3	3.4	4.3
Minimal pulley diameter in number of teeth	10	10	14
Minimal pitch diameter (mm)	16.17	30.32	56.6

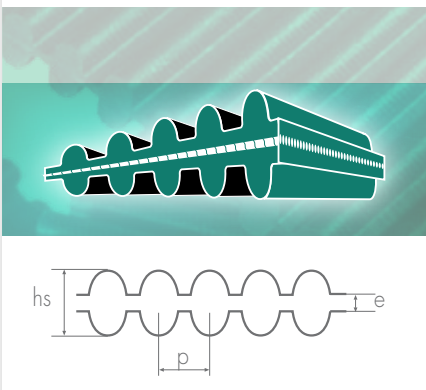
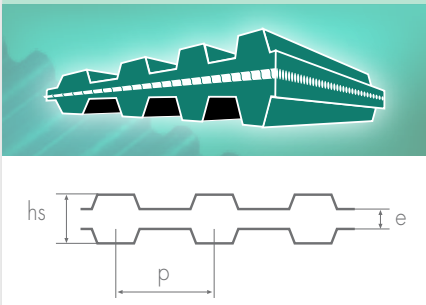
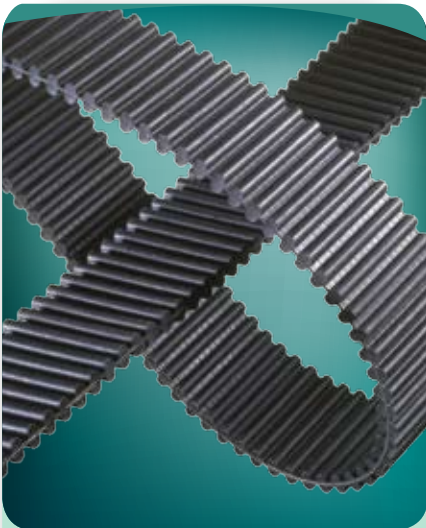
HTD® profile

Belt code				Width mm
LL	8M	10		10
LL	8M	15		15
LL	8M	20		20
LL	8M	30		30
LL	8M	50		50
LL	8M	85		85

Belt code				Width mm
LL	14M	25		25
LL	14M	40		40
LL	14M	55		55
LL	14M	85		85
LL	14M	115		115

	8M	14M
Pitch p (mm)	8	14
Tooth height ht (mm)	3.4	6.1
Belt height hs (mm)	5.6	10
Belt unit weight (g/m) for 1 mm width	6.4	9.8
Minimal pulley diameter in number of teeth	22	28
Minimal pitch diameter (mm)	56.02	124.78

The calculation procedure described in our TEXROPE® Synchronous belt drive design manual (ref. E2/80019) provides all the information needed to calculate a drive system using TEXROPE® LL belts. You can also consult our TEXROPE® drive design software. For more information on TDD Pro™, see page 42.



Double-sided synchronous belt

The double-sided TEXROPE® DF with STB (trapezoidal) or HTD® (round) tooth profiles is particularly appropriate for contra-rotating drives. Due to their double and directly opposite teeth, they ensure high load-carrying power and smooth running operation.

STB profile

	XL	L	H
Pitch p (mm)	5.08	9.53	12.7
Belt height hs (mm)	3	4.5	5.8
Thickness between teeth e (mm)	0.5	0.8	1.4
Belt unit weight (g/m) for 1 mm width	1.9	3.2	4.6

HTD® profile

	8M	14M
Pitch p (mm)	8	14
Belt height hs (mm)	8.3	14.9
Thickness between teeth e (mm)	1.4	2.8
Belt unit weight (g/m) for 1 mm width	7.2	12.3

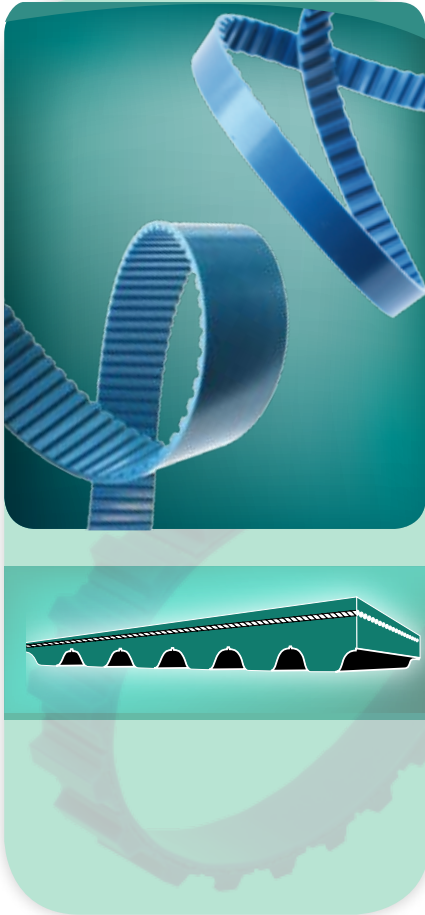
The calculation procedure described in our TEXROPE® Synchronous belt drive design manual (ref. E2/80019) provides all the information needed to calculate a drive system using TEXROPE® DF belts. You can also consult our TEXROPE® drive design software. For more information on TDD Pro™, see page 42.

8M		
Belt code	Lp mm	N° of teeth
480 - 8M	480	60
560 - 8M	560	70
600 - 8M	600	75
640 - 8M	640	80
720 - 8M	720	90
800 - 8M	800	100
880 - 8M	880	110
960 - 8M	960	120
1040 - 8M	1040	130
1120 - 8M	1120	140
1200 - 8M	1200	150
1280 - 8M	1280	160
1440 - 8M	1440	180
1600 - 8M	1600	200
1760 - 8M	1760	220
1800 - 8M	1800	225
2000 - 8M	2000	250
2400 - 8M	2400	300
2800 - 8M	2800	350

TEXROPE® 21 bars are also available in slabs except for 14 mm.
Please consult TEXROPE® price list or our customer service for more information
on available slab widths.

14M		
Belt code	Lp mm	N° of teeth
1610 - 14M	1610	115
1778 - 14M	1778	127
1890 - 14M	1890	135
2100 - 14M	2100	150
2310 - 14M	2310	165
2590 - 14M	2590	185
2800 - 14M	2800	200
3150 - 14M	3150	225

Standard widths								
Code	mm	XL	L	H	Code	mm	8M	14M
025	6.4	x			20	20	x	
037	9.5	x			30	30	x	
050	12.7		x		40	40		x
075	19.1		x	x	50	50	x	
100	25.4		x	x	55	55		x
150	38.1			x	85	85	x	x
200	50.8			x				
300	76.2			x				



Open-end/endless polyurethane synchronous belt

In addition to rubber synchronous belts, TEXROPE® produces a comprehensive range of polyurethane synchronous belts. TEXROPE® Synchro-Power® polyurethane belts are designed for long lasting and energy-efficient performance on both power transmission and linear applications. They are built in endless and open-end versions in various sizes, constructions and tooth designs handling a wide range of loads, speeds and applications. Polyurethane is extremely wear and fatigue resistant and at the same time highly flexible. Product quality is visible through numerous details. Tolerances are tight and accurate, perfect tooth meshing is achieved.

Construction features

- The polyurethane body offers excellent abrasion resistance and therefore a very clean running system without accumulations of debris.
- The polyurethane teeth offer exceptional rigidity, which reduces tooth flexing and ensures more stability in your overall system.
- Standard TEXROPE® Synchro-Power® belts are supplied with steel tensile cords, but we can also supply aramid tensile cords, depending on the belt construction. The steel/aramid tensile cords are located parallel to the belt edges and exactly perpendicular to the belt teeth, and exert little or no side force.
- The optional nylon tooth and/or back facing reinforce the surface and protect it against wear.

Technical characteristics

													
	T2.5	T5	T10	T20	AT5	AT10	AT20	ATL5	ATL10	ATL20			
Pitch p (mm)	2.5	5	5	20	5	10	20	5	10	20			
Tooth height ht (mm)	0.7	1.2	2.5	5	1.2	2.5	5	1.2	2.5	5			
Belt height hs (mm)	1.3	2.2	4.5	8	2.7	4.5	8	2.7	4.5	8			
Weight (g/m) for 1 mm width	1.4	2.3	4.4	7.4	3.3	5.6	9.95	3.6	5.5	13			
Min. pulley diameter (teeth)	10	10	16	15	12	18	18	10	25	30			
													
	DL-T5		DL-T10		HTD5M		HTD8M		STD5M		STD8M		
Pitch p (mm)	5		10		5		8		5		8		
Tooth height ht (mm)	1.2		2.5		2.2		3.5		1.9		2.9		
Belt height hs (mm)	3.4		4.5		3.6		5.6		3.3		5.1		
Weight (g/m) for 1 mm width	2.3		4.5		3.8		5		3.8		5		
Min. pulley diameter (teeth)	10		16		10		16		10		16		
													
	XL	L	H	XH	F8							F12	
Pitch p (mm)	5.08	9.525	12.7	22.23									
Tooth height ht (mm)	1.27	1.9	2.29	6.35									
Belt height hs (mm)	2.29	3.56	4.06	11.18	2							3.2	
Weight (g/m) for 1 mm width	2.1	3.5	3.9	10.5	3.1							4.5	
Min. pulley diameter (teeth)	10	10	14	18	(51 mm)							(51 mm)	

[illegible]

Belt code	T5	
	Lp mm	N° of teeth
PU-T5	150	33
PU-T5	165	33
PU-T5	180	36
PU-T5	185	37
PU-T5	200	40
PU-T5	215	43
PU-T5	220	44
PU-T5	225	45
PU-T5	245	49
PU-T5	250	50
PU-T5	255	51
PU-T5	260	52
PU-T5	270	54
PU-T5	275	55
PU-T5	280	56
PU-T5	295	59
PU-T5	305	61
PU-T5	315	63
PU-T5	330	66
PU-T5	340	68
PU-T5	350	70
PU-T5	355	71
PU-T5	365	73
PU-T5	390	78
PU-T5	400	80
PU-T5	410	82
PU-T5	420	84
PU-T5	445	89
PU-T5	450	90
PU-T5	455	91
PU-T5	475	95
PU-T5	480	96
PU-T5	500	100
PU-T5	510	102
PU-T5	525	105
PU-T5	545	109
PU-T5	550	110
PU-T5	560	112
PU-T5	575	115
PU-T5	590	118
PU-T5	610	122
PU-T5	620	124
PU-T5	630	126
PU-T5	640	128
PU-T5	650	130
PU-T5	660	132
PU-T5	675	135
PU-T5	690	138
PU-T5	700	140
PU-T5	720	144
PU-T5	725	145
PU-T5	750	150
PU-T5	780	156
PU-T5	800	160
PU-T5	815	163
PU-T5	840	168
PU-T5	850	170
PU-T5	900	180
PU-T5	940	188
PU-T5	990	198
PU-T5	1075	215
PU-T5	1100	220
PU-T5	1215	243
PU-T5	1315	263
PU-T5	1380	276

Belt code	T10	
	Lp mm	N° of teeth
PU-T10	260	26
PU-T10	370	37
PU-T10	400	40
PU-T10	410	41
PU-T10	440	44
PU-T10	450	45
PU-T10	500	50
PU-T10	530	53
PU-T10	560	56
PU-T10	600	60
PU-T10	610	61
PU-T10	630	63
PU-T10	660	66
PU-T10	690	69
PU-T10	700	70
PU-T10	720	72
PU-T10	730	73
PU-T10	750	75
PU-T10	780	78
PU-T10	810	81
PU-T10	840	84
PU-T10	880	88
PU-T10	890	89
PU-T10	900	90
PU-T10	910	91
PU-T10	920	92
PU-T10	950	95
PU-T10	960	96
PU-T10	970	97
PU-T10	980	98
PU-T10	1000	100
PU-T10	1010	101
PU-T10	1080	108
PU-T10	1100	110
PU-T10	1110	111
PU-T10	1140	114
PU-T10	1150	115
PU-T10	1210	121
PU-T10	1240	124
PU-T10	1250	125
PU-T10	1300	130
PU-T10	1320	132
PU-T10	1350	135
PU-T10	1390	139
PU-T10	1400	140
PU-T10	1420	142
PU-T10	1450	145
PU-T10	1460	146
PU-T10	1500	150
PU-T10	1560	156
PU-T10	1600	160
PU-T10	1610	161
PU-T10	1700	170
PU-T10	1750	175
PU-T10	1780	178
PU-T10	1880	188
PU-T10	1960	196
PU-T10	2250	225

AT5		
Belt code	Lp mm	N° of teeth
PU-AT5	225	45
PU-AT5	255	51
PU-AT5	275	55
PU-AT5	280	56
PU-AT5	300	60
PU-AT5	340	68
PU-AT5	375	75
PU-AT5	390	78
PU-AT5	420	84
PU-AT5	455	91
PU-AT5	500	100
PU-AT5	545	109
PU-AT5	600	120
PU-AT5	610	122
PU-AT5	620	124
PU-AT5	630	126
PU-AT5	660	132
PU-AT5	720	144
PU-AT5	750	150
PU-AT5	780	156
PU-AT5	825	165
PU-AT5	975	195
PU-AT5	1050	210
PU-AT5	1125	225
PU-AT5	1500	300

AT10		
Belt code	Lp mm	N° of teeth
PU-AT10	500	50
PU-AT10	560	56
PU-AT10	610	61
PU-AT10	660	66
PU-AT10	700	70
PU-AT10	730	73
PU-AT10	780	78
PU-AT10	800	80
PU-AT10	810	81
PU-AT10	840	84
PU-AT10	890	89
PU-AT10	920	92
PU-AT10	960	96
PU-AT10	980	98
PU-AT10	1010	101
PU-AT10	1050	105
PU-AT10	1080	108
PU-AT10	1150	115
PU-AT10	1210	121
PU-AT10	1250	125
PU-AT10	1320	132
PU-AT10	1400	140
PU-AT10	1500	150
PU-AT10	1600	160
PU-AT10	1700	170
PU-AT10	1800	180

All dimensions are available from stock.
 Endless TEXROPE® Synchro-Power® are also available in sleeves. Please consult TEXROPE® price list or our customer service for more information on available sleeve widths.

Endless belts (continued)

DL-T5			DL-T10			Standard widths							
Belt code	Lp mm	N° of teeth	Belt code	Lp mm	N° of teeth	mm	T2.5	T5	T10	AT5	AT10	DL-T5	DL-T10
DL-PU-T5	410	82	DL-PU-T10	260	26	6	x	x		x		x	
DL-PU-T5	460	92	DL-PU-T10	530	53	10	x	x	x	x		x	x
DL-PU-T5	480	96	DL-PU-T10	630	63	12					x		
DL-PU-T5	515	103	DL-PU-T10	660	66	16	x	x	x	x	x	x	x
DL-PU-T5	590	118	DL-PU-T10	720	72	20	x	x	x	x	x	x	x
DL-PU-T5	620	124	DL-PU-T10	840	84	25	x	x	x	x	x	x	x
DL-PU-T5	750	150	DL-PU-T10	980	98	32	x	x	x	x	x	x	x
DL-PU-T5	815	163	DL-PU-T10	1210	121	50	x	x	x	x	x	x	x
DL-PU-T5	860	172	DL-PU-T10	1240	124	75		x	x	x	x	x	
DL-PU-T5	940	188	DL-PU-T10	1250	125								
DL-PU-T5	1100	220	DL-PU-T10	1320	132								
			DL-PU-T10	1350	135								
			DL-PU-T10	1420	142								
			DL-PU-T10	1610	161								
			DL-PU-T10	1880	188								

Open-end belts

Pitch	Widths	Roll length (m)	No cords	Steel cords				Aramid cords			
				STAND.	NB	NT	NTB	STAND.	NB	NT	NTB
T5	10, 16, 25, 32, 50, 75, 100 mm	100		•	•	•	•	•	•	•	•
T10	10, 16, 25, 32, 50, 75, 100, 125, 150 mm	100		•	•	•	•	•	•	•	•
T10HB	16, 20, 25, 32, 50, 75, 100, 125, 150 mm	100		•	•	•	•	•	•	•	•
T10HF	10, 16, 25, 32, 50, 75, 100, 125, 150 mm	100		•	•	•	•	•	•	•	•
T10UM2	16, 20, 25, 32, 50, 75, 100, 125, 150 mm	100		•	•	•	•	•	•	•	•
T20	25, 32, 50, 75, 100, 150 mm	50		•	•	•	•	•	•	•	•
AT5	10, 16, 25, 32, 50, 75, 100 mm	100		•	•	•	•	•	•	•	•
AT10	16, 25, 32, 50, 75, 100, 125, 150 mm	100		•	•	•	•	•	•	•	•
AT10HB	16, 20, 25, 32, 50, 75, 100, 125, 150 mm	100		•	•	•	•	•	•	•	•
AT10UM2	16, 20, 25, 32, 50, 75, 100, 125, 150 mm	100		•	•	•	•	•	•	•	•
AT20	25, 32, 50, 75, 100, 150 mm	50		•	•	•	•	•	•	•	•
ATL5	10, 16, 25, 32, 50 mm	100		•	•	•	•	•	•	•	•
ATL10	16, 25, 32, 50, 75, 100, 150 mm	100		•	•	•	•	•	•	•	•
ATL10HF	16, 25, 32, 50, 75, 100 mm	100		•	•	•	•	•	•	•	•
ATL20	50, 75, 100, 150 mm	50		•	•	•	•	•	•	•	•
HTD5M	5, 10, 15, 20, 25, 30, 50, 85, 100, 150 mm	100		•	•	•	•	•	•	•	•
HTD8M	10, 15, 20, 25, 30, 50, 85, 100, 150 mm	100		•	•	•	•	•	•	•	•
HTD14M	25, 40, 55, 85, 115, 170 mm	50		•	•	•	•	•	•	•	•
STD5M	5, 10, 15, 20, 25, 30, 50 mm	100		•	•	•	•	•	•	•	•
STD8M	10, 15, 20, 25, 30, 50, 85, 100 mm	100		•	•	•	•	•	•	•	•
XL	025, 031, 037, 050, 075, 100, 200	61		•	•	•	•	•	•	•	•
L	037, 050, 075, 100, 150, 200, 400	61		•	•	•	•	•	•	•	•
H	050, 075, 100, 150, 200, 300, 400, 500, 600	61		•	•	•	•	•	•	•	•
XH	100, 150, 200, 300, 400, 600	61		•	•	•	•	•	•	•	•
F8	063, 075, 100, 150, 200, 300, 400	61	•	•	•	•	•	•	•	•	•
F12	063, 075, 100, 150, 200, 300, 400	61	•	•	•	•	•	•	•	•	•

Please consult our customer service for more information on stock availability.

For more information on non-standard polyurethane belt products, please consult Gates Mectrol catalogue or visit www.gatesmectrol.com.

Key

STAND. = Standard

NB = Nylon back

NT = Nylon teeth

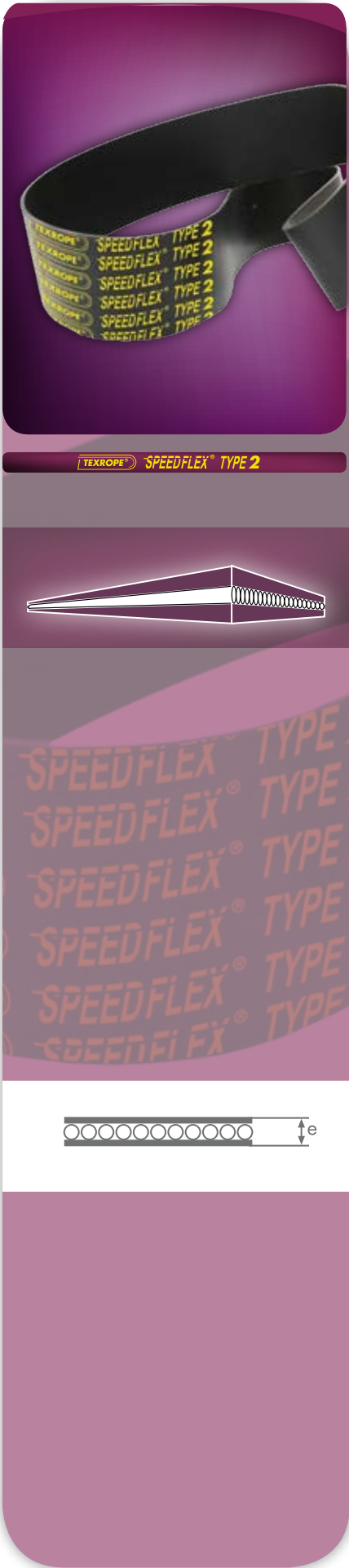
NTB = Nylon teeth and back

HB = Heavy backing PU

HF = High flexible steel cords

UM2 = 2 mm of PU backing coating 85ShA

ATL = AT profile with reinforced steel cords



Endless flat belt

TEXROPE® SPEEDFLEX® is a lightweight belt which can cope with high speeds without the centrifugal force reducing the drive capacity too much. As it is symmetrical, it will run in either direction and is particularly appropriate for serpentine drives. Being flat, it can be used on very small pulleys, permitting large speed ratio drives. Available in three belt types and in many different lengths, and cut to the required width, it covers a wide range of power levels.

Construction features

- It is tough and sufficiently flexible to withstand shocks. Its tension is constantly adjusted to optimise the stresses on the shafts.
- The continuous monocord tensile member is manufactured in strength increments corresponding to the belt type.
- Thanks to controlled flexibility it can be finely adjusted to power requirements.
- Two fabric-reinforced faces have a high friction coefficient and sufficient elasticity to pass round small diameter pulleys.

Technical characteristics

	TYPE I	TYPE II	TYPE III
Approximate thickness e (mm)	1.9	2.2	4.2
Weight per 10 cm belt width (g/m)	240	270	400
Available slab widths (mm)	15 - 600	15 - 600	15 - 300 (*)
Recommended min. pulley diameter (mm)	25	50	100

(*) < 4000 mm: 600 mm width

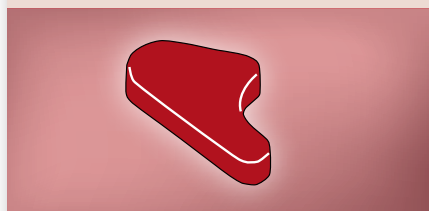
SPEEDFLEX®				SPEEDFLEX®			
Length mm	Type I	Type II	Type III	Length mm	Type I	Type II	Type III
500	x	x		4625			x
530	x	x		4750			x
560	x	x		4875			x
600	x	x		5000			x
630	x	x		5150			x
670	x	x		5300			x
690	x	x		5450			x
710	x	x		5600			x
730	x	x		5750			x
750	x	x		6000			x
775	x	x		6150			x
800	x	x		6300			x
825	x	x		6500			x
850	x	x		6700			x
875	x	x		6900			x
900	x	x		7100			x
925	x	x		7300			x
950	x	x		7500			x
975	x	x		7750			x
1000	x	x		8000			x
1030	x	x		8250			x
1060	x	x		8500			x
1090	x	x		8750			x
1120	x	x		9000			x
1150	x	x		9250			x
1180	x	x		9500			x
1215	x	x		9750			x
1250	x	x		10000			x
1285	x	x					
1320	x	x					
1360	x	x					
1400	x	x					
1450	x	x					
1500	x	x					
1550	x	x					
1600	x	x					
1650	x	x					
1700	x	x					
1750	x	x					
1800	x	x					
1850	x	x					
1900	x	x					
1950	x	x					
2000	x	x					
2060	x	x					
2120	x	x					
2180	x	x					
2240	x	x					
2300	x	x					
2360	x	x					
2430	x	x					
2500	x	x					
2575	x	x					
2650	x	x					
2725	x	x					
2800	x	x					
2900	x	x					
3000	x	x					
3075		x	x				
3150		x	x				
3250		x	x				
3350		x	x				
3450		x	x				
3550		x	x				
3650		x	x				
3750		x	x				
3875		x	x				
4000		x	x				
4125			x				
4250			x				
4375			x				
4500			x				

Dimensions in bold are available from stock.
 TEXROPE® SPEEDFLEX® belts are only available in slabs.
 Please consult TEXROPE® price list or our customer service
 for more information on available slab widths.



Laser alignment device

A fast and accurate method to measure misalignment is ensured by the unique TEXROPE® ATX laser alignment device. Mounted in a few seconds, the laser line projected onto the targets allows you to quickly ascertain and correct misalignment. TEXROPE® ATX identifies parallel as well as angular misalignment between the pulleys and is suitable for pulley diameters of 60 mm and larger. It is so light it can be mounted on non-magnetic pulleys with a double sided adhesive tape and used on both horizontally and vertically mounted machines.



Technical characteristics

- H 87 mm x D 28 mm x W 147 mm
- Weight: 0.25 kg
- Battery: 1 x R6 (AA) 1.5 V
- Battery operation 8 hours continuously
- Suitable for both V- and synchronous belts
- Measurement distance: 10 m (33 ft)
- Pulley diameters: ≥ 60 mm
- Beam angle: 78°
- Laser class 2
- Output power: < 1 mW
- Laser wave length: 635 – 670 nm
- Temperature range: -10°C up to $+50^\circ\text{C}$
- Housing: ABS plastics
- Back plate: anodised aluminium
- Calibration accuracy: offset < 0.5 mm; angle $< 0.1^\circ$
- Targets: 2 pieces magnet targets with adjustable centre line





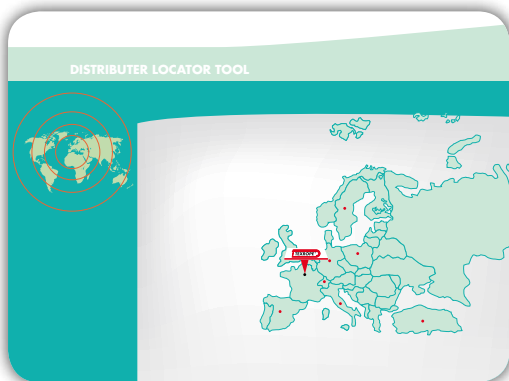
Tension measuring device

Correct belt installation tension is essential for optimum performance and reliability of V-ribbed, V-belt and synchronous belt drives. The TEXROPE® sonic tension meter ensures simple and extremely accurate tension measurement by analysing sound waves from the belt through the sensor. It processes the input signals and displays the accurate tension measurement digitally. TEXROPE®'s sonic tension meter is user-friendly: it is compact, computerised and stores data for repetitive use. It measures belt tension accurately every time.



Technical characteristics

- H 160 mm x D 26 mm x W 59 mm
- Batteries: 2 x AAA
- Suitable for multi-ribbed belts, V-belts and synchronous belts
- Measurement range: 10 Hz to 5,000 Hz
- Measured accuracy: $\pm 1\%$
- LCD screen backlight
- Double display possible (Newton and/or Hz)
- Flexible sensor
- Cord sensor, inductive sensor and oscillator available on request
- Stores weight, width and span constants for up to twenty different drive systems
- Auto gain adjustment function automatically eliminates background noise
- To save energy, the device shuts off automatically after five minutes of inactivity
- CE approved
- RoHS compatible: the device complies with the European Directive (2002/95/EC) on the restriction of the use of certain hazardous substances in electrical and electronic equipment



Product availability and service

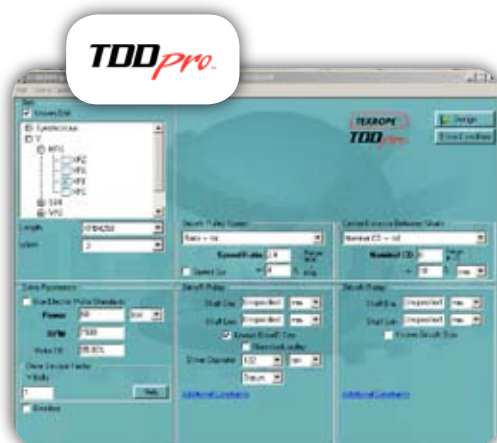
TEXROPE®'s commitment also begins with the availability of its products. For the distribution of its industrial belts, TEXROPE® has set up a pan-European partnership with an extensive network of industrial distribution professionals. Over 150 distributors are at your service and have stock available adapted to the needs of the local markets. Additionally, the TEXROPE® web site includes a handy distributor locator tool: by clicking on the required country the nearest TEXROPE® distributor is easily found.

Product application support

TEXROPE® has the design and engineering expertise to develop the right drive system solution for any problem. Our innovative solutions are dedicated to your toughest requirements. Our customised service makes us reliable partners for each application.

TEXROPE® cost saving programme

Using specialised measurement and design tools, our technical teams perform drive analysis on customers' premises to evaluate current belt drive efficiencies and to replace problem drives by energy-efficient ones. Made-to-measure maintenance plans are designed to help our customers gain maximum benefit from their drives. Additionally, you can download drive survey inquiry sheets from the TEXROPE® website that outline the sequential steps to follow in cost-effectiveness analysis when designing or trouble-shooting V-belt and synchronous belt drives. Optimising your costs is our main concern.



TEXROPE® drive design software

Our distributors are also able to advise you and help you calculate drives thanks to the necessary software and training they have been given. TEXROPE® puts forward an easy resource for selecting and maintaining belt drive systems, TEXROPE® drive design software. TDD Pro™ is an all in one innovative and flexible drive design software solution for increased engineering productivity and product deployment cost savings. It offers a unique combination of user-friendliness, advanced engineering capabilities, dynamic and realistic simulation techniques and flexible project documentation. Registered distributors can download the programme from the TEXROPE® website.



TEXROPE® e-commerce website: www.texrope-net.com

By going online registered TEXROPE® distributors can find the most current product information, enter orders 24 hours/day and track orders at any time. TEXROPE® electronic price lists both in EXCEL and PDF formats can be consulted from the e-commerce website. You can download the price list relevant to you: base price list, net price list or market price list. Find out how to draw up your own price list by selecting product categories and entering figures. To obtain a price list with your own company logo, send the logo over to us and we will provide you with a customised copy.



Every effort has been made to ensure the accuracy and comprehensiveness of the information given in this catalogue. However, TEXROPE® cannot be held responsible if its products are used in special or exceptional circumstances without prior consultation with and clearance from a TEXROPE® representative.

This issue is released April 2008 and supersedes all previous versions of TEXROPE® industrial belt catalogues. If your catalogue is more than 2 years old, please consult a TEXROPE® representative to check whether you have the latest version.

**BELGIUM, NETHERLANDS, U.K., SWEDEN,
GREECE & TURKEY**

TEXROPE® Industrial Belt Division

Dr. Carlierlaan 30
9320 Erembodegem
Belgium

TL: (32) 53 76 28 41
FX: (32) 53 76 26 09

FRANCE, SPAIN & MAGHREB

TEXROPE® Division Courroies Industrielles

111, rue Francis Garnier
B.P. 37
58027 Nevers – Cedex
France

TL: (33) 3 86 71 75 41
FX: (33) 3 86 36 62 52

ITALY

TEXROPE® Divisione Cinghie Industriali

Via Senigallia 18
(Int. 2 - Blocco A - Edificio 1)
20161 Milano MI
Italy

TL: (39) 02 66 21 62 25
FX: (39) 02 66 22 18 51

GERMANY, AUSTRIA, SWITZERLAND & POLAND

TEXROPE® Industriemmen-Division

Eisenbahnweg 50
52068 Aachen
Germany

TL: (49) 241 5108 338
FX: (49) 241 5108 297

RUSSIA

TEXROPE® Industrial Belt Division

1-st Dobryninsky per.
building 15/7
Moscow - 115 093
Russia

TL: (7) 495 933 83 78
FX: (7) 495 648 92 72

Your TEXROPE® distributor:

