

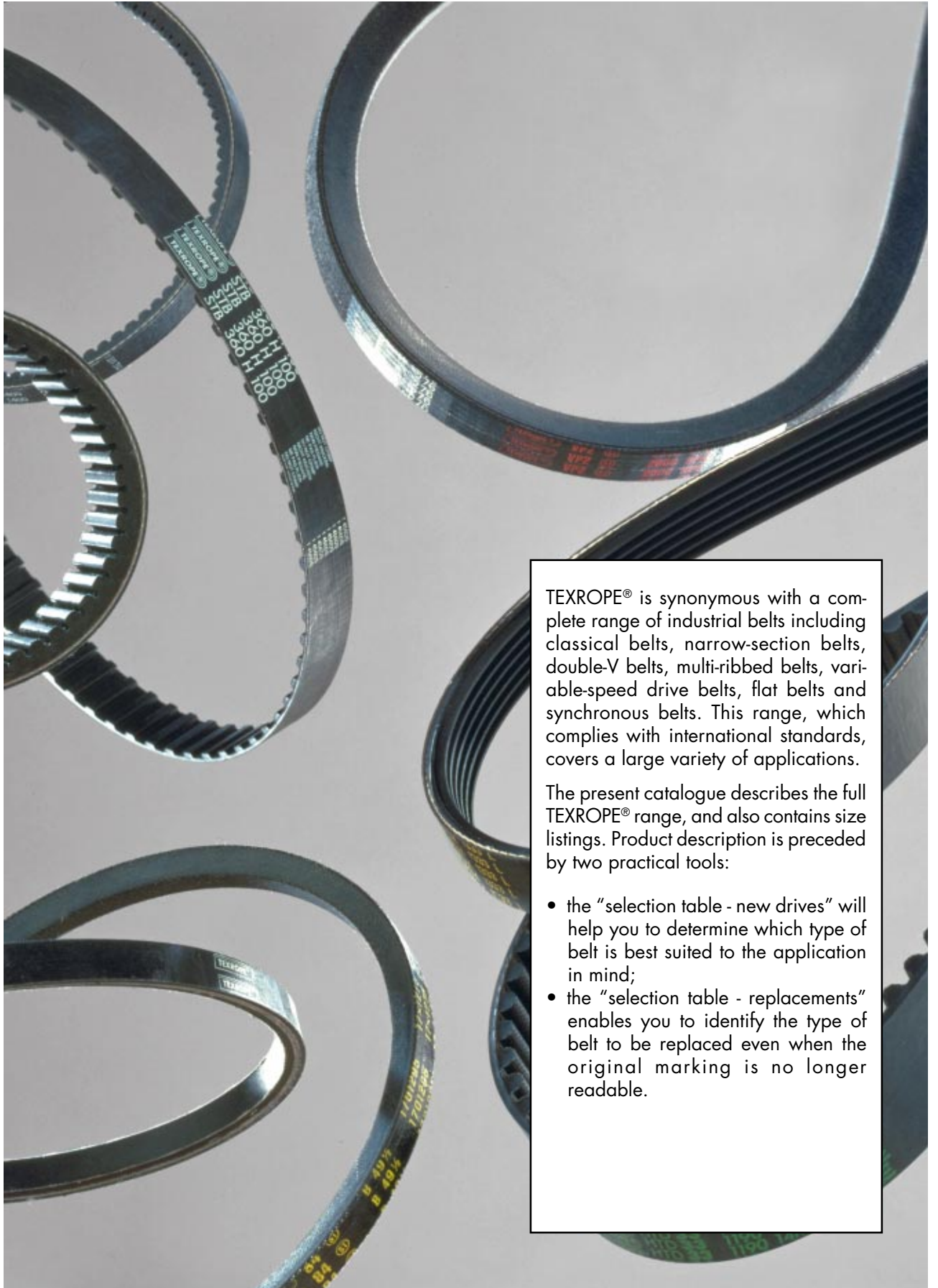


# Industrial Catalogue



TEXROPE  
TEXROPE HFX XPA 1000 256  
TEXROPE HFX XPA 1000 256  
ZZZ

# TEXROPE® Industrial Catalogue



TEXROPE® is synonymous with a complete range of industrial belts including classical belts, narrow-section belts, double-V belts, multi-ribbed belts, variable-speed drive belts, flat belts and synchronous belts. This range, which complies with international standards, covers a large variety of applications.

The present catalogue describes the full TEXROPE® range, and also contains size listings. Product description is preceded by two practical tools:




- the "selection table - new drives" will help you to determine which type of belt is best suited to the application in mind;
- the "selection table - replacements" enables you to identify the type of belt to be replaced even when the original marking is no longer readable.

# List of contents










## Selection tables

New drives	p. 3
Replacements	p. 4







## V-belts

	TEXROPE® S 84	Wrapped classical-section belts	p. 6
	TEXROPE® VP 2	Wrapped narrow-section belts	p. 10
	TEXROPE® HFX	Raw edge narrow-section belts	p. 14


## Other belts

	TEXROPE® VSX	V-ribbed belts	p. 16
	TEXROPE® VRX	Variable-speed drive belts to ISO 1604 or with "VNN" non-standard profiles	p. 18
	TEXROPE® HEXAGO	Wrapped double-V belts	p. 20
	TEXROPE® LM	Belts for agricultural machinery	p. 21
	TEXROPE® MULTI 84	Classical-section banded V-belts	p. 22
	TEXROPE® MULTI VP 2	Narrow-section banded V-belts	p. 23
	TEXROPE® COMBITEX™	Flexible link V-belts	p. 24
	TEXROPE® MA 3	Flat belts with protected edges	p. 25
	TEXROPE® SPEEDFLEX®	Endless flat belts	p. 26

## Synchronous belts & flexible couplings

	TEXROPE® STB	Synchronous belts with STB trapezoidal tooth profile	p. 28
	TEXROPE® HTD®150	Synchronous belts with improved HTD® profile	p. 30
	SYNCHROPOWER®	Polyurethane belts	p. 32
	TEXROPE® LL	Open-ended synchronous belts with STB or HTD® tooth profile	p. 35
	TEXROPE® DF	Double-sided synchronous belts with STB or HTD® tooth profile	p. 36
	TEXROPE® CFX	Flexible couplings	p. 38

## Tools

	TEXROPE® ATX	Laser alignment device	p. 40
---	--------------	------------------------	-------

## Special constructions, advice, care and maintenance

®: Registered trademark of the Gates Corporation.

## Selection table - new drives

The purpose of this table is to direct the user faced with a drive problem towards the TEXROPE® belt type which is best suited to the application.

	S 84	VP 2	HFX	VSX	SPEEDFLEX®	VRX	LM
Synchronisation required							
New drive	*	**	***	***	(1)		(2)
Maximum power (kW)	400	500	600	500	300	100	10 (3)
Reduced shaft loads	***	***	***	***	*		
Max. linear velocity (6)	35 m/s	40 m/s	45 m/s	50 m/s	55 m/s		50 m/s
Small diam. possible	**	*	***	****	**		***
Overall dimensions	**	***	***	***	*		
Considerable torque variations	***	***	**	*	**		***
Friction clutch	*	*			*		****
Reverse bending	*		*	**	***		****
Linear displacement							
Serpentine drive					***		
Speed variation						***	
Required cleanliness							

	STB	HTD®150	SYNCHROPOWER®	LL	DF
Synchronisation required	**	***	***	**	**
New drive	*	**	***		
Maximum power (kW)	200	400	70		50 (4)
Reduced shaft loads	****	***	***		
Max. linear velocity (6)	60 m/s	60 m/s	75 m/s		60 m/s
Small diam. possible					
Overall dimensions	**	***	***		
Considerable torque variations	*	**	*	**	**
Friction clutch					
Reverse bending	**	**	**	**	***
Linear displacement	**	**	**	***	
Serpentine drive	**	**	*	**	***
Speed variation					
Required cleanliness			**** (5)		

- (1) Special cases only
- (2) Agricultural machinery
- (3) Generally, single belt
- (4) Distributed on both sides
- (5) Polyurethane belts leave no stains on paper or other material
- (6) Depends on the pulleys, materials and balancing.

**Key**  
 The indications are relative, and can be interpreted as follows:

- Not a feasible solution or one strongly advised against with this type
- \* Possible, but not really recommended
- \*\* Good
- \*\*\* Very good
- \*\*\*\* Excellent
- Criterion not relevant to this type




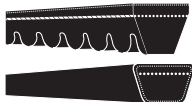
This table does not replace the technical manuals nor any advice given by your TEXROPE® distributor.

# Selection table - replacements

This table enables you, when dealing with an existing drive, to readily identify the belt to be replaced even if the marking is illegible or the belt has been partially destroyed. For column four, use Table B "V-belt cross-sections" on the next page.

## A - Identification of the belt type

- Define the family: flat, toothed, ribbed or V-belt
- Verify the type of elastomer: rubber, polyurethane,...

Family				
STEPS	FLAT	FLAT TOOTHED (synchronous)	FLAT RIBBED	V-BELTS
				
N° 1	<b>THICKNESS (mm)</b>	<b>TOOTH PROFILE</b> Curved, trapezoidal,...	<b>NUMBER OF RIBS</b> (male)	<b>CROSS-SECTION MEASUREMENT (mm)</b> Top width x height (refer to table)
N° 2	<b>WIDTH (mm)</b>	<b>PITCH BETWEEN TEETH (mm)</b> To be taken over 10 teeth for more accuracy.	<b>PITCH BETWEEN RIBS (mm)</b> Take the maximum width of the ribs and divide by the number of ribs.	<b>ANGLE EVALUATION</b> A variable-speed belt may be concerned.
N° 3	<b>INSIDE LENGTH (mm)</b>	<b>NUMBER OF TEETH</b> To be multiplied by the pitch to obtain the pitch length.	<b>EFFECTIVE LENGTH (mm)</b> Is measured at the rib bottom.	<b>WRAPPING (YES/NO?)</b>  <b>NOTCHED (YES/NO?)</b>
N° 4		<b>WIDTH (mm)</b>		<b>OUTSIDE OR DATUM LENGTH</b> Length conversion as per catalogue. For measurement of a datum length: unroll the belt flat on its back.
<b>PLEASE REFER TO THE TEXROPE® INDUSTRIAL CATALOGUE</b>				
<b>EXAMPLE</b>	<b>Thickness:</b> 2.2 mm <b>Width:</b> 40 mm <b>Length:</b> 1400 mm	<b>Tooth:</b> trapezoidal <b>Pitch:</b> 5.08 mm <b>No. of teeth:</b> 60 (Lp = 304.8 mm) <b>Width:</b> 9.53 mm (i.e. 37/100th inch)	<b>No of ribs:</b> 8 <b>Pitch:</b> 4.70 mm <b>Length:</b> 2705 mm	<b>Section:</b> 13 x 10 <b>Angle:</b> 38° <b>Raw edge</b> <b>Length:</b> 1400 mm
<b>CATALOGUE DESIGNATION</b>	<b>SPEEDFLEX® TYPE 2 - 1400 OF 4 CM</b>	<b>TEXROPE® STB 120 XL 037</b>	<b>TEXROPE® VSX 2705 L 8</b>	<b>TEXROPE® HFX XPA 1400</b>

**MEASURED LENGTH:** if the belt is worn, take elongation during service (except for synchronous belts) into account. Take the next lowest length in the catalogue.

For V-belts  $L_d$  = datum length replaces the former  $L_p$  = pitch length as per ISO 1081.

## B - V-belt cross-sections

width x height (mm)	narrow section	classical section	agricultural	VRX variable speed
6.0 x 4.0		Y		
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	<b>XPZ / SPZ / 3V</b>			
10.0 x 6.0		<b>Z</b>		
12.7 x 7.9		RMA 4L		
12.7 x 10.0	<b>XPA / SPA</b>			
13.0 x 6.0				<b>VNN</b>
13.0 x 8.0		<b>A</b>		
15.8 x 13.5	<b>5V</b>			
16.3 x 13.0	<b>XPB / SPB</b>			
16.8 x 9.7		RMA 5L		
17.0 x 6.0				<b>W 16</b>
17.0 x 11.0		<b>B</b>		
18.6 x 15.0	DIN 19			
20.0 x 12.5		DIN 20		
21.0 x 7.0				<b>W 20</b>
22.0 x 8.0				<b>VNN</b>
22.0 x 14.0		<b>C</b>		
22.0 x 18.0	<b>XPC / SPC</b>			
25.0 x 16.0		<b>DIN 25</b>		
25.0 x 23.0	<b>8V</b>			
25.4 x 12.7			<b>HI</b>	
26.0 x 8.0				<b>W 25</b>
28.0 x 8.0				<b>VNN</b>
31.8 x 15.1			<b>HJ</b>	
32.0 x 16.0			<b>AGRI</b>	
32.0 x 19.0		<b>D</b>		
33.0 x 10.0				<b>W 31.5</b>
37.0 x 10.0				<b>VNN</b>
38.0 x 25.0		<b>E</b>		
38.1 x 17.5			<b>HK</b>	
42.0 x 13.0				<b>W 40</b>
44.5 x 19.8			<b>HL</b>	
47.0 x 13.0				<b>VNN</b>
50.8 x 22.2			<b>HM</b>	
52.0 x 16.0				<b>W 50</b>
55.0 x 16.0				<b>VNN</b>
57.7 x 24.4			<b>HN</b>	
60.7 x 25.3			<b>HO</b>	
65.0 x 20.0				<b>W 63</b>
83.0 x 26.0				<b>W 80</b>
104.0 x 32.0				<b>W 100</b>

All Texrope® antistatic V-belts are in accordance with the antistatic requirements as stated in EN 13463-5 - "Non-electrical equipment intended for use in potentially explosive atmospheres - Part-5: protection by constructional safety" - and can as such be used in the conditions described in the Directive 94/9/EC - ATEX.

Cross-sections in bold are available from stock.

# TEXROPE® S 84

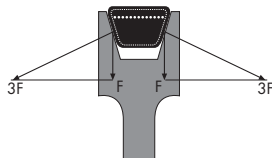
## Wrapped classical-section V-belts



The first V-belt introduced on international markets was the classical-section wrapped V-belt.

The boom in V-belts owes much to the "wedge effect". For a given static tension, this effect virtually triples a classical V-belt's sidewall contact surface compared to that of a flat belt - simply as a result of the belt geometry.

Overall grip and power ratings are also tripled at standard speeds. Overall size is reduced by about 25%.



The big advantage of TEXROPE® S 84 belts lies in the excellent balance between the load-carrying capacity of the tensile member and the drive capacity provided by the grip of the sidewalls.

### Construction and features



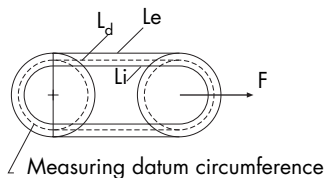
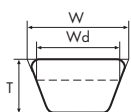
- The MONOCORD tensile member consists of specially treated high-strength polyester cord to transmit tensile forces and withstand occasional or recurrent shockloads.

- The fabric jacket provides grip, protection against external agents and resistance to abrasion.
- The belt compound converts tensile forces on the sidewalls into longitudinal forces in the tensile member.
- The belt has good resistance to mineral oils and temperatures between -30°C and +60°C (+80°C for short periods).
- The belt conforms to standards ISO 4184, DIN 2215, NF T-47 141 and BS 3790.
- It meets ISO standard 1813 for static conductivity.
- The belts are length-stable and do not need to be matched in sets (except E section belts with code length system). The symbol  $\text{ST}$  confirms their stabilisation.

### Applications

In industry, calculations are rarely carried out any more for new drives equipped with classical-section belts. The application of TEXROPE® S 84 belts is mainly in the replacement market.

### Physical characteristics



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

	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)	8.50	11	14	19	27	32	21
Weight (g/m)	64	108	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 the manual "TEXROPE® V-belt drives" (ref. E2/80002) provides all the information needed to calculate a drive system using TEXROPE® S 84 belts.

# TEXROPE® S 84

Z - 10 x 6				A - 13 x 8				A - 13 x 8				B - 17 x 11			
Belt code	RMA Code	Li mm	L <sub>d</sub> mm	Belt code	RMA Code	Li mm	L <sub>d</sub> mm	Belt code	RMA Code	Li mm	L <sub>d</sub> mm	Belt code	RMA Code	Li mm	L <sub>d</sub> mm
1000425	Z15 1/2	400	422	1300441	A16	425	455	1301620	A62 1/2	1600	1620	1700695	B26	650	690
1000435	Z16	415	435	1300483	A18	457	490	1301625	A63	1615	1645	1700745	B28	710	745
1000442	Z17	425	450	1300505	A19	475	505	1301651	A64	1625	1655	1700772	B29	745	785
1000455	Z17 1/4	438	460	1300555	A20	525	555	1301670	A65	1650	1680	1700790	B30	750	790
1000487	Z18	480	500	1300570	A21	540	570	1301710	A66	1676	1706	1700825	B31	790	835
1000505	Z18 3/4	490	505	1300595	A22	565	595	1301730	A67	1700	1730	1700860	B32	825	860
1000515	Z19	500	515	1300620	A23	590	620	1301750	A67 1/2	1725	1755	1700870	B32 1/4	830	870
1000520	Z19 1/2	505	520	1300630	A23 1/2	600	630	1301756	A68	1750	1775	1700875	B32 1/2	835	875
1000528	Z20	515	540	1300635	A24	610	640	1301785	A69	1760	1790	1700900	B34	850	900
1000540	Z20 1/2	525	550	1300663	A25	630	663	1301800	A70	1775	1810	1700919	B35	889	930
1000578	Z22	560	590	1300675	A25 1/2	650	680	1301828	A71	1800	1835	1700925	B35 3/4	895	940
1000584	Z22 1/4	565	595	1300684	A26	670	700	1301854	A72	1825	1860	1700934	B36	900	950
1000615	Z23 3/4	600	630	1300716	A27	700	730	1301880	A73	1854	1885	1700960	B36 3/4	920	965
1000621	Z24	608	635	1300745	A28	710	745	1301905	A74	1880	1915	1700970	B37	925	970
1000640	Z25	630	650	1300755	A28 1/2	740	770	1301931	A75	1900	1940	1700995	B37 1/2	950	985
1000667	Z25 1/2	655	675	1300767	A29	750	780	1301960	A76	1930	1960	1701000	B38	965	1010
1000690	Z26	670	690	1300775	A29 1/2	760	790	1301981	A77	1960	1990	1701019	B38 1/2	975	1020
1000714	Z27	700	725	1300794	A30	767	800	1302003	A78	1980	2010	1701026	B39	1000	1040
1000743	Z28 1/2	725	750	1300810	A31	775	810	1302025	A79	2000	2040	1701065	B40	1030	1065
1000755	Z29	730	755	1300825	A31 1/2	800	825	1302060	A80	2032	2065	1701085	B41	1040	1085
1000790	Z30 1/2	775	800	1300835	A32	805	835	1302085	A81	2060	2090	1701100	B42	1060	1105
1000795	Z30 3/4	780	805	1300838	A32 1/4	825	855	1302109	A82	2083	2115	1701130	B42 1/2	1075	1110
1000800	Z31	785	810	1300840	A32 1/2	838	860	1302130	A83	2100	2130	1701145	B43	1100	1145
1000838	Z32	820	845	1300850	A32 3/4	841	870	1302140	A83 1/2	2120	2150	1701150	B44	1110	1150
1000890	Z34 1/4	870	890	1300857	A33	850	875	1302150	A84	2134	2165	1701159	B44 1/2	1120	1160
1000900	Z34 1/2	875	900	1300869	A33 1/4	855	880	1302180	A84 1/2	2150	2180	1701165	B45	1150	1185
1000925	Z36	915	935	1300900	A34	875	900	1302190	A85	2160	2200	1701200	B46	1175	1210
1000970	Z37	950	970	1300905	A34 1/2	889	919	1302220	A86	2200	2220	1701230	B46 1/2	1190	1230
1000990	Z38 1/4	970	990	1300912	A35	900	930	1302235	A87	2215	2245	1701235	B47	1200	1235
1001000	Z38 1/2	980	1000	1300945	A36	914	945	1302250	A88	2240	2270	1701250	B47 1/4	1207	1250
1001010	Z39	990	1010	1300955	A36 1/2	925	955	1302295	A89	2261	2295	1701261	B48	1215	1265
1001020	Z40	1000	1020	1300960	A37	950	975	1302295	A89	2261	2295	1701261	B48	1215	1265
1001060	Z41	1050	1070	1300971	A37 1/4	965	1000	1302315	A90	2286	2320	1701270	B48 1/2	1225	1275
1001150	Z44	1125	1152	1300993	A38	975	1010	1302336	A91	2306	2345	1701280	B49	1250	1290
1001180	Z46	1165	1185	1301004	A38 1/2	985	1015	1302336	A92	2337	2370	1701280	B49	1250	1290
1001200	Z47	1180	1200	1301004	A38 1/2	985	1015	1302370	A92	2337	2370	1701295	B49 1/2	1275	1318
1001220	Z47 1/2	1194	1220	1301045	A40	1016	1045	1302387	A93	2360	2395	1701305	B50	1290	1330
1001238	Z48	1230	1250	1301055	A40 1/2	1030	1060	1302413	A94	2383	2420	1701328	B51	1300	1340
1001250	Z49	1235	1260	1301060	A41	1041	1070	1302445	A95	2413	2445	1701365	B52	1320	1365
1001275	Z49 1/2	1250	1275	1301085	A41 1/2	1060	1095	1302470	A96	2438	2475	1701375	B52 1/2	1350	1390
1001295	Z50	1270	1295	1301093	A42	1075	1100	1302489	A97	2464	2495	1701385	B53	1360	1405
1001305	Z50 1/2	1285	1305	1301093	A42	1075	1100	1302525	A98	2500	2530	1701400	B53 1/2	1372	1420
1001327	Z51	1300	1327	1301110	A43	1090	1120	1302565	A100	2540	2570	1701400	B53 1/2	1372	1420
1001340	Z52	1320	1350	1301120	A43 1/2	1105	1135	1302565	A100	2540	2570	1701407	B54	1400	1440
1001362	Z53	1346	1362	1301130	A44	1120	1145	1302616	A102	2591	2620	1701428	B55	1410	1450
1001395	Z54	1371	1395	1301155	A44 1/2	1130	1160	1302667	A104	2650	2680	1701465	B55 1/2	1422	1465
1001420	Z55	1400	1420	1301165	A45	1143	1165	1302699	A105	2680	2710	1701465	B55 1/2	1422	1465
1001475	Z57	1450	1475	1301175	A45 1/2	1150	1175	1302750	A107	2725	2750	1701480	B56	1435	1480
1001500	Z58	1475	1500	1301193	A46	1180	1205	1302768	A108	2743	2775	1701500	B57	1450	1500
1001525	Z59	1500	1525	1301220	A47	1200	1220	1302819	A110	2800	2830	1701520	B58	1473	1520
1001540	Z59 1/2	1515	1540	1301235	A47 1/2	1210	1235	1302877	A112	2845	2885	1701533	B58 1/2	1485	1533
1001550	Z60	1524	1550	1301244	A48	1225	1255	1302920	A114	2896	2920	1701552	B59	1500	1550
1001580	Z61	1550	1580	1301270	A48 1/2	1240	1265	1302950	A115	2921	2950	1701580	B59 1/2	1520	1560
1001600	Z62	1575	1600	1301278	A48 3/4	1250	1280	1302971	A116	2946	2980	1701585	B60	1525	1565
1001625	Z63	1600	1625	1301280	A49	1270	1295	1303000	A117	2972	3000	1701595	B61	1550	1595
1001650	Z64	1626	1650	1301310	A50	1280	1310	1303022	A118	3000	3030	1701615	B61 1/2	1575	1615
1001675	Z65	1651	1680	1301318	A50 1/2	1290	1318	1303080	A120	3048	3085	1701620	B62	1590	1630
1001700	Z66	1675	1700	1301321	A51	1300	1330	1303175	A124	3150	3180	1701634	B63	1600	1635
1001725	Z67	1700	1725	1301335	A51 1/2	1315	1345	1303283	A128	3250	3290	1701670	B64	1625	1670
1001750	Z68	1725	1750	1301355	A52	1320	1355	1303335	A130	3305	3335	1701686	B65	1650	1690
1001775	Z69	1750	1775	1301360	A52 1/2	1335	1365	1303380	A132	3350	3380	1701710	B65 1/2	1676	1720
1001800	Z70	1775	1800	1301385	A53	1350	1385	1303436	A134	3404	3436	1701720	B66	1697	1735
1001825	Z71	1800	1825	1301400	A54	1375	1400	1303485	A136	3454	3485	1701740	B66 1/2	1700	1740
1001850	Z72	1829	1850	1301410	A54 1/2	1400	1430	1303485	A136	3454	3485	1701745	B67	1707	1745
1001875	Z73	1850	1875	1301421	A55	1410	1440	1303507	A137	3477	3515	1701755	B67 1/4	1715	1755
1001925	Z75	1900	1925	1301447	A56	1422	1455	1303580	A140	3550	3580	1701763	B68	1725	1770
1001950	Z76	1930	1950	1301473	A57	1450	1485	1303660	A143	3630	3660	1701774	B69	1750	1795
1002000	Z78	1975	2000	1301500	A58	1475	1505	1303690	A144	3660	3690	1701800	B69 1/2	1761	1805
1002025	Z79	2000	2025	1301515	A59	1500	1525	1303713	A145	3685	3713	1701813	B70	1775	1820
				1301545	A60	1525	1560	1303780	A148	3750	3780	1701838	B71	1800	1850
				1301580	A61	1550	1580	1303835	A150	3800	3835	1701864	B72	1829	1875
				1301610	A62	1575	1610	1304038	A158	4000	4045	1701885	B73	1850	1895
												1701916	B74	1880	1925
												1701938	B75	1900	1945

# TEXROPE® S 84

B - 17 x 11				B - 17 x 11				C - 22 x 14				C - 22 x 14			
Belt code	RMA Code	Li mm	L <sub>d</sub> mm	Belt code	RMA Code	Li mm	L <sub>d</sub> mm	Belt code	RMA Code	Li mm	L <sub>d</sub> mm	Belt code	RMA Code	Li mm	L <sub>d</sub> mm
1701960	<b>B76</b>	1920	1975	1704670	<b>B182</b>	4625	4670	2201130	<b>C41 1/2</b>	1070	1120	2203300	<b>C127</b>	3250	3300
1702000	<b>B77</b>	1950	2000	1704733	<b>B185</b>	4699	4740	2201150	<b>C43</b>	1090	1150	2203303	<b>C128</b>	3268	3320
1702010	<b>B78</b>	1981	2020	1704770	<b>B186</b>	4725	4770	2201215	<b>C45 1/2</b>	1180	1235	2203346	<b>C129</b>	3302	3355
1702040	<b>B79</b>	2000	2040	1704784	<b>B187</b>	4750	4795	2201225	<b>C46</b>	1200	1250	2203370	<b>C130</b>	3325	3370
1702070	<b>B80</b>	2032	2070	1704930	<b>B192</b>	4880	4930	2201285	<b>C48</b>	1235	1285	2203385	<b>C131</b>	3350	3395
1702092	<b>B81</b>	2060	2100	1704945	<b>B193</b>	4902	4945	2201310	<b>C50</b>	1260	1310	2203397	<b>C132</b>	3373	3425
1702120	<b>B82</b>	2083	2130	1704992	<b>B195</b>	4953	5000	2201341	<b>C51</b>	1295	1350	2203448	<b>C134</b>	3404	3460
1702143	<b>B83</b>	2108	2155	1705038	<b>B197</b>	5000	5045	2201370	<b>C51 1/2</b>	1320	1370	2203515	<b>C136</b>	3477	3535
1702169	<b>B84</b>	2120	2170	1705350	<b>B208</b>	5300	5350	2201395	<b>C52</b>	1350	1395	2203600	<b>C140</b>	3550	3615
1702197	<b>B85</b>	2160	2205	1705370	<b>B210</b>	5334	5380	2201430	<b>C53</b>	1375	1430	2203655	<b>C141</b>	3597	3655
1702215	<b>B86</b>	2185	2225	1705640	<b>B220</b>	5600	5640	2201441	<b>C55</b>	1410	1460	2203700	<b>C143</b>	3658	3710
1702245	<b>B87</b>	2200	2245	1705698	<b>B223</b>	5665	5705	2201485	<b>C56</b>	1435	1485	2203711	<b>C144</b>	3678	3730
1702270	<b>B88</b>	2240	2280	1706044	<b>B236</b>	6000	6044	2201510	<b>C57</b>	1460	1510	2203742	<b>C145</b>	3700	3760
1702295	<b>B89</b>	2255	2295	1706098	<b>B240</b>	6065	6105	2201550	<b>C58</b>	1500	1550	2203803	<b>C147</b>	3750	3810
1702322	<b>B90</b>	2286	2330	1706332	<b>B248</b>	6300	6340	2201565	<b>C60</b>	1535	1585	2203830	<b>C148</b>	3772	3830
1702340	<b>B91</b>	2300	2350	1706440	<b>B253</b>	6400	6440	2201625	<b>C61</b>	1574	1625	2203915	<b>C151</b>	3861	3915
1702372	<b>B92</b>	2332	2380	1706475	<b>B255</b>	6450	6485	2201650	<b>C62</b>	1600	1650	2203940	<b>C153</b>	3912	3960
1702395	<b>B93</b>	2360	2405	1706544	<b>B256</b>	6500	6544	2201665	<b>C63</b>	1625	1675	2204045	<b>C157</b>	4000	4065
1702423	<b>B94</b>	2395	2435	1706600	<b>B259</b>	6550	6600	2201700	<b>C64</b>	1650	1700	2204120	<b>C159</b>	4064	4120
1702448	<b>B95</b>	2400	2450	1706740	<b>B264</b>	6700	6745	2201705	<b>C65</b>	1676	1725	2204163	<b>C162</b>	4122	4180
1702477	<b>B96</b>	2450	2485	1706858	<b>B270</b>	6825	6865	2201750	<b>C66</b>	1700	1750	2204270	<b>C165</b>	4212	4270
1702500	<b>B97</b>	2465	2510	1706945	<b>B273</b>	6900	6945	2201776	<b>C68</b>	1750	1800	2204320	<b>C167</b>	4267	4320
1702535	<b>B98</b>	2500	2545	1707044	<b>B276</b>	7000	7044	2201820	<b>C69</b>	1778	1836	2204400	<b>C170</b>	4350	4400
1702560	<b>B99</b>	2520	2560	1707132	<b>B280</b>	7100	7140	2201830	<b>C70</b>	1800	1850	2204445	<b>C173</b>	4413	4465
1702575	<b>B100</b>	2540	2585	1707618	<b>B300</b>	7585	7625	2201847	<b>C70 1/2</b>	1815	1865	2204540	<b>C177</b>	4500	4565
1702610	<b>B101</b>	2565	2610	1708010	<b>B315</b>	7970	8010	2201881	<b>C72</b>	1842	1900	2204625	<b>C180</b>	4587	4645
1702626	<b>B102</b>	2600	2635	1709160	<b>B360</b>	9120	9160	2201910	<b>C73 1/2</b>	1880	1935	2204794	<b>C187</b>	4750	4810
1702640	<b>B103</b>	2615	2655					2201951	<b>C75</b>	1930	1970	2204880	<b>C189</b>	4826	4880
1702688	<b>B104</b>	2650	2685					2202000	<b>C76</b>	1956	2000	2205005	<b>C195</b>	4967	5025
1702706	<b>B105</b>	2667	2715					2202030	<b>C77</b>	1981	2030	2205048	<b>C196</b>	5000	5055
1702726	<b>B106</b>	2700	2750					2202050	<b>C78</b>	2000	2050	2205080	<b>C197</b>	5025	5080
1702778	<b>B108</b>	2750	2790					2202076	<b>C79 1/2</b>	2032	2090	2205226	<b>C203</b>	5182	5235
1702828	<b>B110</b>	2800	2840					2202105	<b>C81</b>	2083	2125	2205250	<b>C204</b>	5200	5250
1702884	<b>B112</b>	2845	2890					2202145	<b>C82</b>	2100	2165	2205353	<b>C208</b>	5300	5360
1702941	<b>B114</b>	2900	2955					2202180	<b>C83</b>	2120	2180	2205400	<b>C210</b>	5340	5400
1702970	<b>B115</b>	2930	2970					2202200	<b>C84</b>	2159	2200	2205410	<b>C211</b>	5372	5430
1702981	<b>B116</b>	2950	2990					2202210	<b>C85</b>	2184	2230	2205540	<b>C216</b>	5500	5540
1703034	<b>B118</b>	3000	3040					2202279	<b>C87 1/2</b>	2240	2300	2205645	<b>C220</b>	5600	5665
1703087	<b>B120</b>	3048	3095					2202305	<b>C89</b>	2286	2330	2205710	<b>C223</b>	5690	5730
1703150	<b>B122</b>	3107	3150					2202335	<b>C90</b>	2311	2355	2205780	<b>C225</b>	5715	5780
1703182	<b>B124</b>	3150	3190					2202385	<b>C91</b>	2337	2385	2205845	<b>C228</b>	5800	5845
1703225	<b>B125</b>	3175	3225					2202406	<b>C92 1/2</b>	2375	2425	2206044	<b>C236</b>	6000	6060
1703250	<b>B126</b>	3210	3250					2202435	<b>C93</b>	2388	2435	2206101	<b>C240</b>	6062	6120
1703270	<b>B127</b>	3227	3270					2202475	<b>C94</b>	2413	2475	2206300	<b>C247</b>	6250	6300
1703290	<b>B128</b>	3250	3300					2202480	<b>C95</b>	2438	2490	2206345	<b>C248</b>	6300	6365
1703337	<b>B130</b>	3297	3350					2202490	<b>C96</b>	2450	2510	2206390	<b>C250</b>	6340	6390
1703370	<b>B131</b>	3327	3370					2202508	<b>C97</b>	2464	2525	2206480	<b>C255</b>	6450	6500
1703387	<b>B132</b>	3350	3395					2202550	<b>C97 1/2</b>	2500	2550	2206744	<b>C265</b>	6700	6760
1703420	<b>B133</b>	3390	3430					2202560	<b>C98</b>	2510	2560	2206861	<b>C270</b>	6822	6880
1703455	<b>B134</b>	3415	3465					2202575	<b>C99</b>	2540	2595	2207030	<b>C276</b>	7000	7030
1703504	<b>B136</b>	3450	3500					2202615	<b>C100</b>	2560	2615	2207145	<b>C280</b>	7100	7165
1703535	<b>B137</b>	3505	3535					2202635	<b>C101</b>	2591	2645	2207250	<b>C285</b>	7248	7300
1703550	<b>B138</b>	3507	3550					2202660	<b>C102</b>	2605	2660	2207544	<b>C297</b>	7500	7560
1703582	<b>B139</b>	3550	3590					2202675	<b>C103</b>	2616	2675	2207621	<b>C300</b>	7582	7640
1703644	<b>B142</b>	3600	3644					2202698	<b>C104</b>	2667	2715	2207735	<b>C303</b>	7685	7735
1703698	<b>B144</b>	3658	3705					2202719	<b>C105</b>	2685	2735	2207885	<b>C309</b>	7835	7885
1703744	<b>B146</b>	3700	3744					2202735	<b>C106</b>	2692	2750	2208045	<b>C314</b>	8000	8065
1703774	<b>B147</b>	3750	3780					2202805	<b>C107</b>	2750	2805	2208381	<b>C330</b>	8342	8400
1703896	<b>B151</b>	3850	3890					2202820	<b>C108</b>	2762	2820	2208544	<b>C335</b>	8500	8560
1703905	<b>B152</b>	3861	3905					2202838	<b>C110</b>	2800	2860	2208765	<b>C345</b>	8730	8780
1703955	<b>B154</b>	3912	3955					2202890	<b>C111</b>	2840	2890	2209146	<b>C360</b>	9107	9165
1703990	<b>B156</b>	3962	4010					2202897	<b>C112</b>	2870	2915	2210045	<b>C394</b>	10000	10065
1704052	<b>B158</b>	4000	4060					2202955	<b>C113</b>	2896	2955	2210670	<b>C420</b>	10632	10690
1704150	<b>B162</b>	4115	4160					2202975	<b>C114</b>	2921	2975	2211245	<b>C440</b>	11200	11265
1704225	<b>B165</b>	4200	4240					2202985	<b>C115</b>	2950	2990	2212320	<b>C484</b>	12270	12320
1704277	<b>B167</b>	4250	4295					2203000	<b>C116</b>	2965	3020				
1704432	<b>B173</b>	4394	4440					2203041	<b>C118</b>	3000	3060				
1704500	<b>B175</b>	4450	4500					2203100	<b>C120</b>	3068	3120				
1704530	<b>B177</b>	4500	4545					2203185	<b>C122</b>	3135	3185				
1704612	<b>B180</b>	4572	4620					2203195	<b>C124</b>	3175	3215				

# TEXROPE® S 84

D - 32 x 19				E - 38 x 25				25 - 25 x 16		
Belt code	RMA Code	Li mm	L <sub>d</sub> mm	Belt code	RMA Code	Li mm	L <sub>d</sub> mm	Belt code mm	Li mm	L <sub>d</sub> mm
3202075	<b>D79</b>	2000	2075	3803085	E117	3000	3085	2501600	1600	1660
3202354	<b>D90</b>	2300	2370	3804080	E157	4000	4105	2501670	1670	1730
3202430	<b>D93</b>	2360	2430	3804660	E180	4600	4685	2501800	1800	1860
3202500	<b>D96</b>	2425	2500	3805040	E195	5000	5065	2501900	1900	1960
3202575	<b>D98</b>	2500	2575	3805430	E210	5375	5455	2501950	1950	2010
3202720	<b>D104</b>	2650	2720	3805680	E220	5600	5705	2502000	2000	2060
3202858	<b>D110</b>	2800	2875	3806102	E240	6050	6125	2502050	2050	2110
3203040	<b>D116</b>	2965	3025	3806380	E248	6300	6405	2502120	2120	2180
3203075	<b>D118</b>	3000	3075	3806862	E270	6800	6890	2502200	2200	2260
3203118	<b>D120</b>	3048	3135	3807180	E280	7100	7205	2502240	2240	2300
3203213	<b>D124</b>	3150	3230	3807622	E300	7550	7650	2502325	2325	2385
3203275	<b>D126</b>	3200	3275	3708080	E315	8000	8105	2502360	2360	2420
3203321	<b>D128</b>	3251	3335	3808382	E330	8350	8410	2502450	2450	2510
3203413	<b>D132</b>	3350	3425	3809147	E360	9100	9175	2502500	2500	2560
3203533	<b>D137</b>	3475	3550	3810080	E394	10000	10105	2502650	2650	2710
3203616	<b>D140</b>	3550	3625	3810672	E420	10600	10700	2502700	2700	2760
3203710	<b>D143</b>	3658	3725	3811280	E440	11200	11305	2502800	2800	2860
3203729	<b>D144</b>	3670	3745	3812192	E480	12150	12220	2502950	2950	3010
3203819	<b>D148</b>	3750	3825	3813717	E540	13650	13745	2503000	3000	3060
3204000	<b>D154</b>	3915	4000	3815242	E600	15200	15270	2503150	3150	3210
3204063	<b>D158</b>	4000	4080					2503350	3350	3410
3204181	<b>D162</b>	4125	4200					2503550	3550	3610
3204302	<b>D167</b>	4250	4325					2503750	3750	3810
3204370	<b>D170</b>	4310	4385					2503950	3950	4010
3204463	<b>D173</b>	4394	4480					2504000	4000	4060
3204560	<b>D177</b>	4500	4575							
3204643	<b>D180</b>	4572	4660							
3204810	<b>D187</b>	4750	4825							
3204960	<b>D192</b>	4875	4960							
3205023	<b>D195</b>	4953	5040							
3205330	<b>D207</b>	5270	5345							
3205375	<b>D208</b>	5300	5375							
3205420	<b>D210</b>	5350	5435							
3205663	<b>D220</b>	5600	5680							
3205726	<b>D223</b>	5670	5740							
3205795	<b>D225</b>	5715	5795							
3206000	<b>D233</b>	5925	6000							
3206075	<b>D236</b>	6000	6075							
3206103	<b>D240</b>	6045	6120							
3206300	<b>D248</b>	6245	6320							
3206363	<b>D250</b>	6300	6380							
3206475	<b>D255</b>	6415	6490							
3206766	<b>D266</b>	6700	6775							
3206863	<b>D270</b>	6805	6880							
3207163	<b>D280</b>	7100	7180							
3207245	<b>D287</b>	7239	7315							
3207623	<b>D300</b>	7565	7640							
3208063	<b>D317</b>	8000	8080							
3208383	<b>D330</b>	8325	8400							
3208569	<b>D335</b>	8500	8575							
3208765	<b>D345</b>	8700	8780							
3209148	<b>D360</b>	9090	9165							
3209560	<b>D374</b>	9500	9575							
3209950	<b>D390</b>	9880	9950							
3210063	<b>D394</b>	10000	10080							
3210673	<b>D420</b>	10615	10690							
3211263	<b>D443</b>	11200	11280							
3212193	<b>D480</b>	12135	12210							
3212557	<b>D494</b>	12500	12575							
3213718	<b>D540</b>	13660	13735							
3215243	<b>D600</b>	15185	15260							

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

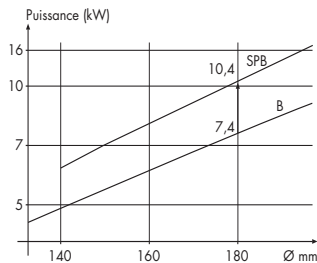
# TEXROPE® VP 2

## Wrapped narrow-section V-belts



The TEXROPE® VP 2 belt has a deeper cross-section than the classical-section belt, but uses the same top width. The increased height of its sidewalls ensures excellent grip and thus, greater power ratings. The increased power capacity is also due to the special strength of the tensile member. The belt can operate at higher linear speeds. The TEXROPE® VP 2 narrow-section belt allows the design of more compact drives.

### Construction and features



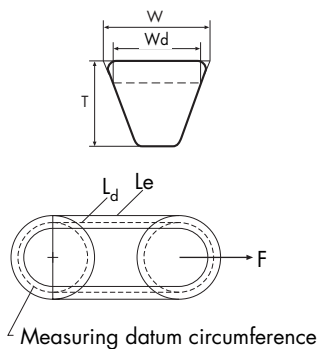
Power rating (at 1450 rpm)

- The MONOCORD tensile member consists of specially treated high-strength polyester cord to transmit tensile forces and withstand occasional or recurrent shockloads.
- The fabric cover provides grip, protection against external agents and resistance to abrasion.
- The belt compound converts tensile forces on the sidewalls into longitudinal forces in the tensile member.
- The belt has good resistance to mineral oils and temperatures between -30°C and +60°C (+80°C for short periods).
- The belt conforms to international standards ISO 4184, DIN 7753 (geometry), NF T-47 141 and BS 3790.
- It meets ISO standard 1813 for static conductivity.
- The belts are length-stable and do not need to be measured for installation in sets. The symbol  $\text{S}$  confirms their stabilisation.

### Applications

High performance of the tensile member, balance and sidewall height: the TEXROPE® VP 2 wrapped narrow-section belt is capable of transmitting more power, other circumstances being equal. This means reduced drive size and costs.

### Physical characteristics



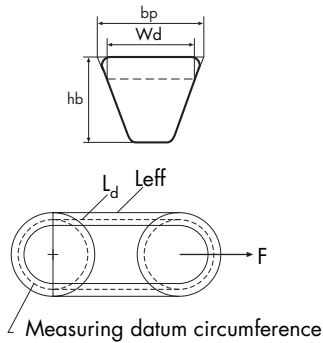
$L_d$  = datum length  
 $L_e$  = outside length

	SPZ	SPA	SPB	SPC	19
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
Datum width $W_d$ (mm)	8.50	11	14	19	16
Weight (g/m)	68	120	194	375	270
Min. pulley diameter (mm)	71	90	140	200	180
$L_e - L_d$ (mm)	13	18	22	30	25

The TEXROPE® VP 2 narrow-section belt is available also in 3V and 5V sections defined by standards RMA/MTPA IP 22 and ASAE S 211.5. All the belts have the qualities of classical-section belts, including length stabilisation. They are particularly suitable for equipment designed to American standards. They also conform to ISO standard 1813 for anti-static requirements.

The belt designation contains the section code 3V or 5V followed by the length code. The latter is a rounding-off of the effective length measured in 1/10 inch.

## Physical characteristics



$L_d$  = datum length  
 $L_{eff}$  = effective length

	<b>3V</b>	<b>5V</b>
Nom. section bp x hb (mm)	9.65 x 7.8	15.8 x 13.5
Datum width Wd (mm)	8.5	14
Weight (g/m)	68	194
Min. pulley diameter (mm)	67.3	180
$L_{eff} - L_d$ (mm) to RMA	3.6	11.3

The calculation procedure described in the manual "TEXROPE® V-belt drives" (ref. E2/80002) provides all the information needed to calculate a drive system using TEXROPE® VP 2 belts.

# TEXROPE® VP 2

SPZ		SPZ		SPA		SPA	
Belt code Datum length (mm)	L <sub>d</sub> (mm)	Belt code Datum length (mm)	L <sub>d</sub> (mm)	Belt code Datum length (mm)	L <sub>d</sub> (mm)	Belt code Datum length (mm)	L <sub>d</sub> (mm)
SPZ 500	500	SPZ 1262	1262	SPA 750	750	SPA 1800	1800
SPZ 512	512	SPZ 1280	1280	SPA 757	757	SPA 1807	1807
SPZ 515	515	SPZ 1287	1287	SPA 775	775	SPA 1832	1832
SPZ 530	530	SPZ 1312	1312	SPA 782	782	SPA 1850	1850
SPZ 545	545	SPZ 1320	1320	SPA 800	800	SPA 1857	1857
SPZ 560	560	SPZ 1327	1327	SPA 807	807	SPA 1882	1882
SPZ 562	562	SPZ 1337	1337	SPA 825	825	SPA 1900	1900
SPZ 580	580	SPZ 1347	1347	SPA 832	832	SPA 1907	1907
SPZ 600	600	SPZ 1360	1360	SPA 850	850	SPA 1925	1925
SPZ 612	612	SPZ 1362	1362	SPA 857	857	SPA 1932	1932
SPZ 615	615	SPZ 1387	1387	SPA 875	875	SPA 1950	1950
SPZ 630	630	SPZ 1400	1400	SPA 882	882	SPA 1957	1957
SPZ 637	637	SPZ 1412	1412	SPA 900	900	SPA 1982	1982
SPZ 650	650	SPZ 1437	1437	SPA 907	907	SPA 2000	2000
SPZ 662	662	SPZ 1450	1450	SPA 925	925	SPA 2032	2032
SPZ 670	670	SPZ 1462	1462	SPA 932	932	SPA 2057	2057
SPZ 687	687	SPZ 1487	1487	SPA 950	950	SPA 2060	2060
SPZ 690	690	SPZ 1500	1500	SPA 957	957	SPA 2082	2082
SPZ 697	697	SPZ 1512	1512	SPA 975	975	SPA 2120	2120
SPZ 710	710	SPZ 1537	1537	SPA 982	982	SPA 2132	2132
SPZ 717	717	SPZ 1550	1550	SPA 1000	1000	SPA 2180	2180
SPZ 722	722	SPZ 1562	1562	SPA 1007	1007	SPA 2182	2182
SPZ 730	730	SPZ 1587	1587	SPA 1030	1030	SPA 2207	2207
SPZ 737	737	SPZ 1600	1600	SPA 1032	1032	SPA 2227	2227
SPZ 750	750	SPZ 1612	1612	SPA 1060	1060	SPA 2232	2232
SPZ 758	758	SPZ 1637	1637	SPA 1082	1082	SPA 2240	2240
SPZ 762	762	SPZ 1650	1650	SPA 1090	1090	SPA 2282	2282
SPZ 772	772	SPZ 1662	1662	SPA 1107	1107	SPA 2300	2300
SPZ 775	775	SPZ 1687	1687	SPA 1120	1120	SPA 2307	2307
SPZ 787	787	SPZ 1700	1700	SPA 1132	1132	SPA 2332	2332
SPZ 800	800	SPZ 1737	1737	SPA 1150	1150	SPA 2360	2360
SPZ 812	812	SPZ 1750	1750	SPA 1157	1157	SPA 2382	2382
SPZ 825	825	SPZ 1762	1762	SPA 1180	1180	SPA 2430	2430
SPZ 837	837	SPZ 1787	1787	SPA 1207	1207	SPA 2432	2432
SPZ 850	850	SPZ 1800	1800	SPA 1220	1220	SPA 2475	2475
SPZ 862	862	SPZ 1812	1812	SPA 1232	1232	SPA 2482	2482
SPZ 875	875	SPZ 1837	1837	SPA 1250	1250	SPA 2500	2500
SPZ 887	887	SPZ 1850	1850	SPA 1257	1257	SPA 2532	2532
SPZ 900	900	SPZ 1862	1862	SPA 1272	1272	SPA 2580	2580
SPZ 912	912	SPZ 1887	1887	SPA 1280	1280	SPA 2582	2582
SPZ 922	922	SPZ 1900	1900	SPA 1282	1282	SPA 2607	2607
SPZ 925	925	SPZ 1937	1937	SPA 1307	1307	SPA 2632	2632
SPZ 937	937	SPZ 1950	1950	SPA 1320	1320	SPA 2650	2650
SPZ 950	950	SPZ 1987	1987	SPA 1332	1332	SPA 2682	2682
SPZ 962	962	SPZ 2000	2000	SPA 1357	1357	SPA 2720	2720
SPZ 975	975	SPZ 2037	2037	SPA 1360	1360	SPA 2732	2732
SPZ 987	987	SPZ 2060	2060	SPA 1382	1382	SPA 2782	2782
SPZ 1000	1000	SPZ 2120	2120	SPA 1400	1400	SPA 2800	2800
SPZ 1012	1012	SPZ 2137	2137	SPA 1407	1407	SPA 2832	2832
SPZ 1024	1024	SPZ 2180	2180	SPA 1425	1425	SPA 2882	2882
SPZ 1030	1030	SPZ 2187	2187	SPA 1432	1432	SPA 2900	2900
SPZ 1037	1037	SPZ 2240	2240	SPA 1450	1450	SPA 2932	2932
SPZ 1047	1047	SPZ 2287	2287	SPA 1457	1457	SPA 2982	2982
SPZ 1060	1060	SPZ 2300	2300	SPA 1482	1482	SPA 3000	3000
SPZ 1077	1077	SPZ 2360	2360	SPA 1500	1500	SPA 3032	3032
SPZ 1087	1087	SPZ 2430	2430	SPA 1507	1507	SPA 3070	3070
SPZ 1090	1090	SPZ 2500	2500	SPA 1532	1532	SPA 3082	3082
SPZ 1112	1112	SPZ 2580	2580	SPA 1550	1550	SPA 3150	3150
SPZ 1120	1120	SPZ 2650	2650	SPA 1557	1557	SPA 3182	3182
SPZ 1127	1127	SPZ 2720	2720	SPA 1582	1582	SPA 3250	3250
SPZ 1137	1137	SPZ 2800	2800	SPA 1600	1600	SPA 3282	3282
SPZ 1150	1150	SPZ 2900	2900	SPA 1607	1607	SPA 3350	3350
SPZ 1162	1162	SPZ 3000	3000	SPA 1632	1632	SPA 3382	3382
SPZ 1171	1171	SPZ 3070	3070	SPA 1650	1650	SPA 3450	3450
SPZ 1180	1180	SPZ 3150	3150	SPA 1657	1657	SPA 3550	3550
SPZ 1187	1187	SPZ 3250	3250	SPA 1682	1682	SPA 3650	3650
SPZ 1202	1202	SPZ 3350	3350	SPA 1700	1700	SPA 3750	3750
SPZ 1212	1212	SPZ 3450	3450	SPA 1707	1707	SPA 3870	3870
SPZ 1220	1220	SPZ 3550	3550	SPA 1732	1732	SPA 4000	4000
SPZ 1237	1237			SPA 1750	1750	SPA 4250	4250
SPZ 1250	1250			SPA 1757	1757	SPA 4500	4500
				SPA 1782	1782		

# TEXROPE® VP 2

SPB		SPC		19		3V	
Belt code Datum length (mm)	L <sub>d</sub> (mm)	Belt code Datum length (mm)	L <sub>d</sub> (mm)	Belt code	Le (mm)	Belt code RMA Code	Le = Outside length (mm)
SPB 1250	1250	SPC 2000	2000	1901475	1500	3V 250	641
SPB 1280	1280	SPC 2120	2120	1901600	1625	3V 265	673
SPB 1320	1320	SPC 2240	2240	1901675	1700	3V 280	701
SPB 1360	1360	SPC 2360	2360	1901700	1725	3V 300	761
SPB 1400	1400	SPC 2500	2500	1901775	1800	3V 315	800
SPB 1450	1450	SPC 2650	2650	1901800	1825	3V 335	847
SPB 1500	1500	SPC 2800	2800	1901875	1900	3V 355	899
SPB 1550	1550	SPC 3000	3000	1901900	1925	3V 375	961
SPB 1600	1600	SPC 3150	3150	1902000	2025	3V 400	1022
SPB 1650	1650	SPC 3350	3350	1902075	2100	3V 425	1085
SPB 1700	1700	SPC 3460	3460	1902120	2145	3V 450	1142
SPB 1750	1750	SPC 3550	3550	1902175	2200	3V 475	1210
SPB 1800	1800	SPC 3750	3750	1902275	2300	3V 500	1270
SPB 1850	1850	SPC 4000	4000	1902360	2385	3V 530	1349
SPB 1900	1900	SPC 4250	4250	1902375	2400	3V 560	1410
SPB 1950	1950	SPC 4500	4500	1902475	2500	3V 600	1523
SPB 2000	2000	SPC 4750	4750	1902500	2525	3V 630	1609
SPB 2060	2060	SPC 5000	5000	1902575	2600	3V 670	1709
SPB 2120	2120	SPC 5300	5300	1902625	2650	3V 710	1808
SPB 2180	2180	SPC 5600	5600	1902675	2700	3V 750	1908
SPB 2240	2240	SPC 6000	6000	1902800	2825	3V 800	2028
SPB 2300	2300	SPC 6300	6300	1902875	2900	3V 850	2150
SPB 2360	2360	SPC 6700	6700	1903000	3025	3V 900	2300
SPB 2430	2430	SPC 7100	7100	1903075	3100	3V 950	2413
SPB 2500	2500	SPC 7500	7500	1903150	3175	3V 1000	2538
SPB 2530	2530	SPC 8000	8000	1903175	3200	3V 1060	2688
SPB 2580	2580	SPC 8500	8500	1903550	3575	3V 1120	2843
SPB 2650	2650	SPC 9000	9000	1903750	3775	3V 1180	3013
SPB 2720	2720	SPC 9500	9500			3V 1250	3173
SPB 2800	2800	SPC 10000	10000			3V 1320	3363
SPB 2840	2840	SPC 10600	10600			3V 1400	3563
SPB 2850	2850	SPC 11200	11200				
SPB 2900	2900	SPC 11800	11800				
SPB 3000	3000	SPC 12500	12500				
SPB 3070	3070						
SPB 3150	3150						
SPB 3250	3250						
SPB 3350	3350						
SPB 3450	3450						
SPB 3550	3550						
SPB 3650	3650						
SPB 3750	3750						
SPB 3870	3870						
SPB 4000	4000						
SPB 4120	4120						
SPB 4250	4250						
SPB 4370	4370						
SPB 4500	4500						
SPB 4620	4620						
SPB 4750	4750						
SPB 4870	4870						
SPB 5000	5000						
SPB 5300	5300						
SPB 5600	5600						
SPB 6000	6000						
SPB 6300	6300						
SPB 6700	6700						
SPB 7100	7100						
SPB 7500	7500						
SPB 8000	8000						

5V	
Belt code RMA Code	Le = Outside length (mm)
5V 500	1272
5V 530	1352
5V 560	1422
5V 600	1522
5V 630	1602
5V 670	1702
5V 710	1807
5V 750	1907
5V 800	2022
5V 850	2162
5V 900	2287
5V 950	2417
5V 1000	2552
5V 1060	2692
5V 1120	2847
5V 1180	2997
5V 1250	3172
5V 1320	3372
5V 1400	3572
5V 1500	3812
5V 1600	4067
5V 1700	4322
5V 1800	4572
5V 1900	4822
5V 2000	5092
5V 2120	5382
5V 2240	5692
5V 2360	5992
5V 2500	6352
5V 2650	6722
5V 2800	7122
5V 3000	7622
5V 3150	8022
5V 3350	8522
5V 3550	9022

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

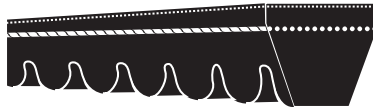
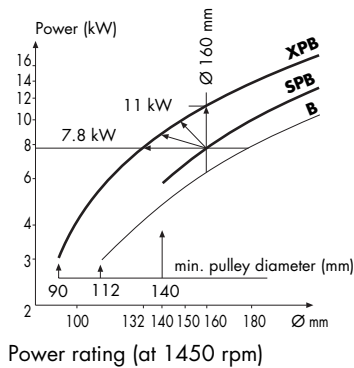
# TEXROPE® HFX

## Raw edge narrow-section V-belts



Raw edge narrow-section V-belts combine maximum transverse rigidity with excellent longitudinal flexibility. Today, TEXROPE® HFX, or "high flexibility belts" give even better performance. The new notch profile reduces bending stresses while flexing around pulleys, enabling the use of pulleys smaller than those used for other raw edge belts. This means that more compact, and hence more economical drives can be designed, and much greater speed ratios achieved. On traditional diameter pulleys, the reduction in bending stresses has the effect of increasing belt life. The TEXROPE® HFX belt is the first choice for narrow-section belt drives.

### Construction and features

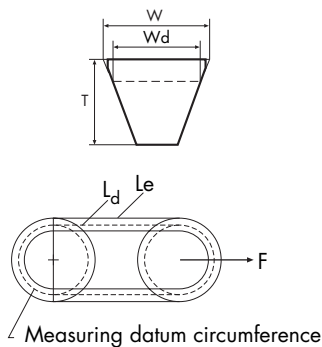


- Top fabric.
- High-strength specially treated tensile cords.
- Compound reinforced with anti-abrasion fibres.
- Optimised moulded notches, ensuring excellent flexibility.
- Significant reduction of bending stresses.
- Good resistance to mineral oils and to temperatures between -30°C and +60°C (+80°C for short periods).
- Conforms to standards DIN 7753, NF T-47 141 and BS 3790.
- Meets ISO standard 1813 for static conductivity.
- All belts are length-stable (not marked with code length system).

### Applications

The significant power rating increase and the use of small-diameter pulleys are decisive for the drive design. Investment costs can be optimised substantially. The anti-wear properties and the cooling effect provided by the notching result in increased belt life and reduced maintenance costs.

### Physical characteristics



$L_d$  = datum length  
 $L_e$  = outside length

	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)	69	123	195	334
Min. pulley diameter (mm)	50	63	90	140
$L_e - L_d$ (mm)	13	18	22	30

The calculation procedure described in the manual "TEXROPE® V-belt drives" (ref. E2/80002) provides all the information needed to calculate a drive system using TEXROPE® HFX belts.

<b>XPZ</b>
Belt code Datum length (mm)
XPZ 600
XPZ 630
XPZ 660
XPZ 670
XPZ 687
XPZ 710
XPZ 722
XPZ 737
XPZ 750
XPZ 762
XPZ 775
XPZ 787
XPZ 800
XPZ 817
XPZ 825
XPZ 837
XPZ 850
XPZ 862
XPZ 875
XPZ 887
XPZ 900
XPZ 917
XPZ 925
XPZ 937
XPZ 950
XPZ 962
XPZ 975
XPZ 987
XPZ 1000
XPZ 1012
XPZ 1030
XPZ 1037
XPZ 1060
XPZ 1080
XPZ 1087
XPZ 1110
XPZ 1120
XPZ 1137
XPZ 1150
XPZ 1162
XPZ 1180
XPZ 1212
XPZ 1220
XPZ 1237
XPZ 1250
XPZ 1280
XPZ 1287
XPZ 1320
XPZ 1337
XPZ 1360
XPZ 1400
XPZ 1412
XPZ 1437
XPZ 1450
XPZ 1487
XPZ 1500
XPZ 1537
XPZ 1550
XPZ 1587
XPZ 1600
XPZ 1650

<b>XPZ</b>
Belt code Datum length (mm)
XPZ 1700
XPZ 1750
XPZ 1800
XPZ 1850
XPZ 1900
XPZ 1950
XPZ 2000
XPZ 2120
XPZ 2240
XPZ 2360
XPZ 2500
XPZ 2650
XPZ 2800
XPZ 3000
XPZ 3150
XPZ 3350
XPZ 3550

<b>XPA</b>
Belt code Datum length (mm)
XPA 732
XPA 750
XPA 757
XPA 775
XPA 782
XPA 800
XPA 825
XPA 832
XPA 850
XPA 857
XPA 875
XPA 882
XPA 900
XPA 907
XPA 925
XPA 932
XPA 950
XPA 957
XPA 975
XPA 982
XPA 1000
XPA 1007
XPA 1030
XPA 1060
XPA 1082
XPA 1090
XPA 1107
XPA 1120
XPA 1132
XPA 1142
XPA 1150
XPA 1157
XPA 1172
XPA 1180
XPA 1207
XPA 1220
XPA 1232
XPA 1250
XPA 1257
XPA 1272

<b>XPA</b>
Belt code Datum length (mm)
XPA 1282
XPA 1307
XPA 1320
XPA 1332
XPA 1360
XPA 1382
XPA 1400
XPA 1442
XPA 1450
XPA 1462
XPA 1482
XPA 1500
XPA 1507
XPA 1522
XPA 1532
XPA 1550
XPA 1557
XPA 1582
XPA 1600
XPA 1607
XPA 1632
XPA 1650
XPA 1682
XPA 1700
XPA 1732
XPA 1750
XPA 1782
XPA 1800
XPA 1850
XPA 1900
XPA 1950
XPA 2000
XPA 2060
XPA 2120
XPA 2180
XPA 2240
XPA 2360
XPA 2500
XPA 2650
XPA 2800
XPA 3000
XPA 3150
XPA 3350
XPA 3550
XPA 3750
XPA 4000

<b>XPB</b>
Belt code Datum length (mm)
XPB 1000
XPB 1060
XPB 1120
XPB 1180
XPB 1250
XPB 1320
XPB 1400
XPB 1500
XPB 1600
XPB 1700
XPB 1800
XPB 1900
XPB 2000
XPB 2120
XPB 2240
XPB 2360
XPB 2500
XPB 2650
XPB 2800
XPB 3000
XPB 3150
XPB 3350
XPB 3550
XPB 3750
XPB 4000
XPB 4250
XPB 4500
XPB 4750

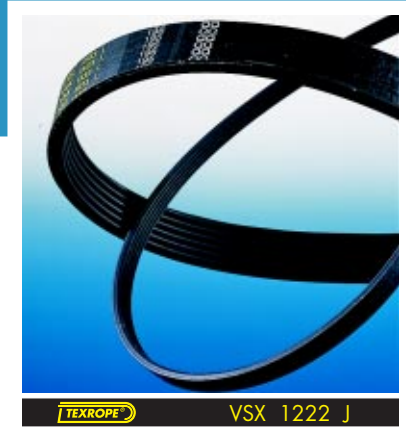
<b>XPC</b>
Belt code Datum length (mm)
XPC 2000
XPC 2120
XPC 2240
XPC 2360
XPC 2500
XPC 2650
XPC 2800
XPC 3000
XPC 3150
XPC 3350
XPC 3550
XPC 3750
XPC 4000
XPC 4250
XPC 4500
XPC 4750

Dimensions in bold are available from stock.

# TEXROPE® VSX

## V-ribbed belts

The TEXROPE® VSX belt combines the high flexibility and light weight of flat belts with the grip of V-belts thanks to the high power ratings created by the special rib profile.



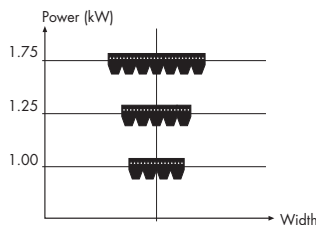
### Construction and features



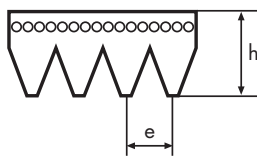
- The top layer is fabric-reinforced resisting reverse bending and possible wear caused by a back idler.
- The specially treated high-strength tensile member withstands the stresses with reduced and stable elongation.
- The longitudinally ribbed high-grip elastomer base offers a large contact surface.
- Good resistance to mineral oils and temperatures between -30°C and +60°C (+80°C for short periods).
- 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 and ASAE S 211.5 standards.
- Meets ISO standard 9982.
- Meets ISO standard 1813 for static conductivity.

### Applications

For a given application, the belt is cut to the required number of ribs thus perfectly matching the required power rating. This makes it possible to obtain a unique, customised belt with the optimum overall size. Vibrations are reduced and there is no need for the matching of sets. These are the key qualities of the TEXROPE® VSX belt.



### Physical characteristics



	H	J	K	L	M
Centre distance e (mm)	1.60	2.34	3.56	4.70	9.40
Height h (mm)	3.0	3.5	6.0	9.5	16.5
Weight per rib (g/m)	5.9	8.4	20	30.9	124.1
Min. pulley diameter (mm)	13	20	40	75	180
Min. reverse bend diameter (mm)	32	45	70	140	300

The belt code refers to the effective length in mm measured at the top of the pulleys, i.e. at the root of the belt ribs.

The calculation procedure described in the manual "TEXROPE® V-ribbed belt drives" provides all the information needed to calculate a drive system using TEXROPE® VSX belts. Only available in French.

# TEXROPE® VSX

J		J		L		M	
Belt code (length mm)	Length inches	Belt code (length mm)	Length inches	Belt code (length mm)	Length inches	Belt code (length mm)	Length inches
PJ356	14.00	PJ1981	78.00	PL954	37.50	PM2286	90.00
PJ381	15.00	PJ1992	78.40	PL991	39.00	PM2388	94.00
PJ406	16.00	PJ2083	82.00	PL1075	42.30	PM2515	99.00
PJ432	17.00	PJ2210	87.00	PL1270	50.00	PM2693	106.00
PJ457	18.00	PJ2337	92.00	PL1333	52.50	PM2832	111.50
PJ483	19.00	PJ2489	98.00	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			PL3124	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						

Dimensions in bold are available from stock.  
 TEXROPE® VSX H and K sections are available on request.

# TEXROPE® VRX

**Variable-speed drive belts to ISO 1604**  
**Variable-speed drive belts with "VNN" non-standard profiles**



TEXROPE® VRX 37x10x1250L

The performance levels of a variable-speed drive depend very much on the quality of the belt. TEXROPE® VRX belts optimise all drive characteristics: the power or torque achieved at each speed, uniform operation, reduced noise, easier maintenance, etc...

TEXROPE® offers two ranges of variable-speed belts:

- a range which meets international standard ISO 1604 (section W 16 to W 100) "Vari-Phi TEXROPE".
- a range of non-standard "VNN" belts, specific to certain European variable-speed drives.



## Vari-Phi TEXROPE® standard variable-speed belts

Developed in partnership with Brook Hansen, a specialist in mechanical variable-speed drives, the Vari-Phi TEXROPE® "W"-section variable-speed belts embody an entirely new design which enables them to run excellently over reduced-diameter pulleys, while maintaining high transverse rigidity.

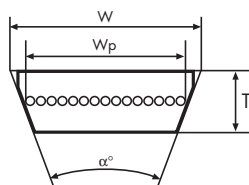
### Construction and features

- The belt consists of heavy fabric cover, a high-strength specially treated MONOCORD tensile member and an anti-abrasion compound reinforced with oriented fibres.
- The moulded notch of these belts has been completely redefined so as to ensure optimum distribution of the stresses: the fatigue due to centering is decreased substantially, which considerably reduces the appearance of signs of wear (cracking).
- Produced with tight manufacturing tolerances, the TEXROPE® VRX belt has an angle of 28° for standard sections, and 26° or 28° for "VNN" sections.
- The large-base bevelling reduces the edge stresses.

### Applications

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.

### Physical characteristics



#### Geometry of the sections

ISO 1604 sections	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 Wp (mm)	16	20	25	31.5	40	50
ISO 1604 sections	W 63	W 80	W 100			
Nom. section W x T (mm)	65 x 20	83 x 26	104 x 32			
Pitch width Wp (mm)	63	80	100			
"VNN" sections, 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

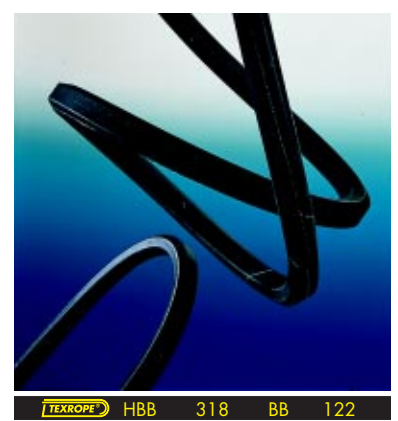
ISO 1604 sections		ISO 1604 sections		"VNN" sections				"VNN" sections			
Belt code	Lp mm	Belt code	Lp mm	Belt code	Section	Li (mm)	Angle	Belt code	Section	Li (mm)	Angle
450 W 16		1600 W 63		<b>13 x 6 x 600</b>	13 x 6	600	26°	<b>37 x 10 x 750</b>	37 x 10	750	28°
500 W 16		1800 W 63		<b>13 x 6 x 650</b>	13 x 6	650	26°	<b>37 x 10 x 800</b>	37 x 10	800	28°
560 W 16		2000 W 63		<b>13 x 6 x 700</b>	13 x 6	700	26°	<b>37 x 10 x 850</b>	37 x 10	850	28°
630 W 16		2240 W 63		<b>13 x 6 x 750</b>	13 x 6	750	26°	<b>37 x 10 x 900</b>	37 x 10	900	28°
800 W 16		2500 W 63		<b>13 x 6 x 800</b>	13 x 6	800	26°	<b>37 x 10 x 950</b>	37 x 10	950	28°
		2800 W 63		<b>13 x 6 x 850</b>	13 x 6	850	26°	<b>37 x 10 x 1000</b>	37 x 10	1000	28°
560 W 20		3150 W 63		<b>13 x 6 x 900</b>	13 x 6	900	26°	<b>37 x 10 x 1060</b>	37 x 10	1060	28°
630 W 20		3550 W 63						<b>37 x 10 x 1120</b>	37 x 10	1120	28°
710 W 20		4000 W 63		<b>22 x 8 x 600</b>	22 x 8	600	26°	<b>37 x 10 x 1180</b>	37 x 10	1180	28°
800 W 20				<b>22 x 8 x 650</b>	22 x 8	650	26°	<b>37 x 10 x 1250</b>	37 x 10	1250	28°
900 W 20				<b>22 x 8 x 700</b>	22 x 8	700	26°	<b>37 x 10 x 1320</b>	37 x 10	1320	28°
1000 W 20				<b>22 x 8 x 750</b>	22 x 8	750	26°	<b>37 x 10 x 1400</b>	37 x 10	1400	28°
1120 W 20				<b>22 x 8 x 800</b>	22 x 8	800	26°	<b>37 x 10 x 1500</b>	37 x 10	1500	28°
1250 W 20				<b>22 x 8 x 850</b>	22 x 8	850	26°	<b>37 x 10 x 1600</b>	37 x 10	1600	28°
				<b>22 x 8 x 900</b>	22 x 8	900	26°	<b>37 x 10 x 1700</b>	37 x 10	1700	28°
				<b>22 x 8 x 950</b>	22 x 8	950	26°				
710 W 25				<b>22 x 8 x 1000</b>	22 x 8	1000	26°	<b>47 x 13 x 900</b>	47 x 13	900	28°
800 W 25				<b>22 x 8 x 1060</b>	22 x 8	1060	26°	<b>47 x 13 x 1000</b>	47 x 13	1000	28°
900 W 25				<b>22 x 8 x 1120</b>	22 x 8	1120	26°	<b>47 x 13 x 1060</b>	47 x 13	1060	28°
1000 W 25								<b>47 x 13 x 1120</b>	47 x 13	1120	28°
1120 W 25				<b>28 x 8 x 600</b>	28 x 8	600	26°	<b>47 x 13 x 1180</b>	47 x 13	1180	28°
1250 W 25				<b>28 x 8 x 650</b>	28 x 8	650	26°	<b>47 x 13 x 1250</b>	47 x 13	1250	28°
1400 W 25				<b>28 x 8 x 700</b>	28 x 8	700	26°	<b>47 x 13 x 1320</b>	47 x 13	1320	28°
1600 W 25				<b>28 x 8 x 750</b>	28 x 8	750	26°	<b>47 x 13 x 1400</b>	47 x 13	1400	28°
				<b>28 x 8 x 800</b>	28 x 8	800	26°	<b>47 x 13 x 1500</b>	47 x 13	1500	28°
900 W 31.5				<b>28 x 8 x 850</b>	28 x 8	850	26°	<b>47 x 13 x 1600</b>	47 x 13	1600	28°
1000 W 31.5				<b>28 x 8 x 900</b>	28 x 8	900	26°	<b>47 x 13 x 1700</b>	47 x 13	1700	28°
1120 W 31.5				<b>28 x 8 x 950</b>	28 x 8	950	26°	<b>47 x 13 x 1800</b>	47 x 13	1800	28°
1250 W 31.5				<b>28 x 8 x 1000</b>	28 x 8	1000	26°	<b>47 x 13 x 2000</b>	47 x 13	2000	28°
1400 W 31.5				<b>28 x 8 x 1060</b>	28 x 8	1060	26°	<b>47 x 13 x 2240</b>	47 x 13	2240	28°
1600 W 31.5				<b>28 x 8 x 1120</b>	28 x 8	1120	26°				
1800 W 31.5				<b>28 x 8 x 1180</b>	28 x 8	1180	26°	<b>55 x 16 x 1180</b>	55 x 16	1180	28°
				<b>28 x 8 x 1250</b>	28 x 8	1250	26°	<b>55 x 16 x 1250</b>	55 x 16	1250	28°
1000 W 40				<b>28 x 8 x 1320</b>	28 x 8	1320	26°	<b>55 x 16 x 1320</b>	55 x 16	1320	28°
1120 W 40				<b>28 x 8 x 1400</b>	28 x 8	1400	26°	<b>55 x 16 x 1400</b>	55 x 16	1400	28°
1250 W 40				<b>28 x 8 x 1500</b>	28 x 8	1500	26°	<b>55 x 16 x 1500</b>	55 x 16	1500	28°
1400 W 40								<b>55 x 16 x 1600</b>	55 x 16	1600	28°
1500 W 40								<b>55 x 16 x 1700</b>	55 x 16	1700	28°
1600 W 40								<b>55 x 16 x 1800</b>	55 x 16	1800	28°
1700 W 40								<b>55 x 16 x 2000</b>	55 x 16	2000	28°
1800 W 40								<b>55 x 16 x 2240</b>	55 x 16	2240	28°
2000 W 40											
2240 W 40											
2500 W 40											
1120 W 50											
1250 W 50											
1400 W 50											
1600 W 50											
1700 W 50											
1800 W 50											
2000 W 50											
2240 W 50											
2500 W 50											
2800 W 50											
3150 W 50											

Dimensions in bold are available from stock.

# TEXROPE® HEXAGO

## Wrapped double-V belts

The TEXROPE® HEXAGO double-V belt was developed for serpentine drives over V-grooved pulleys.



### Construction and features

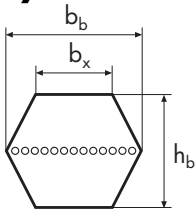


- Construction comparable to that of TEXROPE® S 84 classical V-belts.
- Protected by a fabric cover.
- MONOCORD high-strength tensile member.
- The sections of this belt are designed for B and C section pulleys and are designated HBB and HCC in accordance with standard ASAE S 211.5.
- Good resistance to mineral oils and temperatures between -30°C and +60°C (+80°C for short periods).
- Meets anti-static requirements (ISO 1813).

### Applications

Currently, its main area of application is in agricultural machinery.

### Physical characteristics



	HBB	HCC
b <sub>b</sub> (mm)	17	23
b <sub>x</sub> (mm)	11.8	16.8
h <sub>b</sub> (mm)	13.5	17.5

For further details on belt codes and minimum supply requirements, do not hesitate to consult us.

HBB			HCC		
Belt code	RMA Code	Leff (mm)	Belt code	RMA Code	Leff (mm)
<b>HBB 318</b>	BB 122	3180	<b>HCC 311</b>	CC 118	3110
<b>HBB 382</b>	BB 147	3820	<b>HCC 316</b>	CC 120	3160
<b>HBB 400</b>	BB 154	4000	<b>HCC 322</b>	CC 122	3220
<b>HBB 415</b>	BB 160	4150	<b>HCC 326</b>	CC 124	3260
<b>HBB 420</b>	BB 162	4200	HCC 327	CC 124	3270
<b>HBB 441</b>	BB 170	4410	HCC 331	CC 126	3310
<b>HBB 445</b>	BB 172	4450	<b>HCC 334</b>	CC 127	3340
<b>HBB 453</b>	BB 175	4530	<b>HCC 352</b>	CC 134	3520
<b>HBB 500</b>	BB 194	5000	<b>HCC 360</b>	CC 137	3600
<b>HBB 533</b>	BB 207	5330	<b>HCC 367</b>	CC 140	3670
<b>HBB 564</b>	BB 220	5640	<b>HCC 412</b>	CC 157	4120
			<b>HCC 420</b>	CC 161	4200
			<b>HCC 452</b>	CC 173	4520
			<b>HCC 463</b>	CC 177	4630
			<b>HCC 501</b>	CC 192	5010
			<b>HCC 518</b>	CC 199	5180

Dimensions in bold are available from stock.

## TEXROPE® LM Belts for agricultural machinery



The TEXROPE® LM "Special Agricultural Machinery" belt has been designed to cope with the stresses specific to agricultural machinery applications. It is the perfect belt for:

- small-diameter pulleys: small bending radius
- tensioners: reverse bending
- clutching by idler: frequent slipping
- very variable torque: shockloaded.

The TEXROPE® LM belt allows premium performance over small-diameter pulleys, more progressive clutching, more uniform performances and a longer service life.

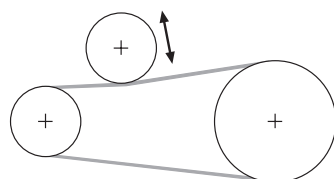
### Construction and features



- The "super-low" section allows the belt to easily flex around small-diameter pulleys. Stress fatigue is considerably reduced.
- Because of sidewalls with optimised friction coefficient, clutch engagement takes place progressively, until the maximum power is transmitted.
- Thanks to its raw edge, full-profile construction the belt transmits uniform power and gives long-lasting service.

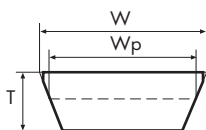
### Applications

This belt has been specially designed for:



- general-purpose or professional lawnmowers,
- rotary cultivators,
- mechanical hoes,
- power reapers,
- brushwood clearing machines,
- scarifiers,
- pick-up balers, etc.

### Physical characteristics



	LM 10	LM 13	LM 16
Nom. section W x T (mm)	10 x 5	13 x 6	16 x 7
Pitch width Wp (mm)	8	11	14
Min. pulley diameter (mm)	50	63	90

The TEXROPE® LM belt can be manufactured in all pitch lengths from 500 to 1800 mm in the following sections:

- 10 mm x 5 mm compatible with SPZ standard pulleys
- 13 mm x 6 mm compatible with SPA standard pulleys
- 16 mm x 7 mm compatible with SPB standard pulleys

# TEXROPE® MULTI 84

## Classical-section banded V-belts



The TEXROPE® MULTI 84 belt has been created by joining several classical-section strands to one single belt. This banded belt eliminates the need for matched sets, and prevents floating of the belts when clutching idlers are used.

### Construction and features



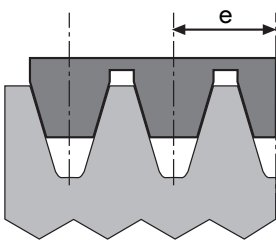
- The belt components are comparable to those of TEXROPE® S 84 belts.
- The banded construction reduces belt whip by damping the vibrations.
- This banded belt consists of classical A, B or C belts, joined by a fabric-reinforced tie-band laid across the top. Use of a flat idler is possible.
- The belts have good resistance to mineral oils and temperatures between -30°C and +60°C (+80°C for short periods).
- They also meet anti-static requirements (ISO 1813) .

### Applications

TEXROPE® MULTI 84 banded V-belts are particularly suited:

- To replace a set of classical section belts on drives containing an idler. To solve whipping in drives subject to frequent shocks or recurrent vibrations.
- To high power agricultural drives, with or without clutching by idler.

### Physical characteristics



	HA	HB	HC
Section	A	B	C
Pulleys for belts	dual/single	dual/single	dual/single
Pulley standard	ASAE S 211.5	ASAE S 211.5	ASAE S 211.5
Centre distance of grooves e (mm)	15.9	19.05	25.4
Le - L <sub>2</sub> (mm)	16	22	34

When replacing a belt on an existing drive, it is advisable to check the centre distance of the pulley grooves which must comply with ISO standard 5290 as follows: HA centre distance 15.9 mm, HB centre distance 19.05 mm, HC centre distance 25.4 mm.

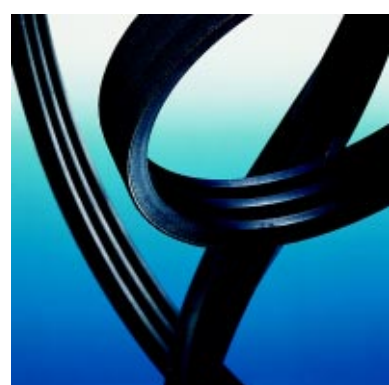
Consequently, these belts are compatible only with pulleys for banded belts of section B and C as specified by ISO standard 4183.

### Designation

The designation of TEXROPE® MULTI 84 belts, in accordance with ISO standard 5290, refers to the number of strands, the section code HA, HB or HC and the effective length.

For further details on belt codes and minimum supply requirements, do not hesitate to contact us.

## TEXROPE® MULTI VP 2 Narrow-section banded V-belts



TEXROPE® MULTI VP2 4/15J 3630 LE

The set of belts is replaced by a single belt, making installation easier and reducing vibrations as soon as they occur so that there is no belt whip.

### Construction and features



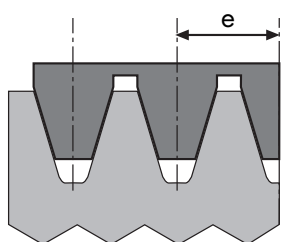
- The belt components are comparable to those of TEXROPE® VP 2 belts.
- This banded belt consists of 5V section strands (SPB compatible), joined by a fabric tie-band laid across the top. Use of a flat idler is possible.
- The belts have good resistance to mineral oils and temperatures between -30°C and +60°C (+80°C for short periods).
- They also meet anti-static requirements (ISO 1813).

### Applications

TEXROPE® MULTI VP 2 belts are particularly suitable for drives with a tensioning or clutching idler on the back of the belt. They can also be used advantageously in drives subject to frequent shocks or variations in torque.

The spacing between the pulley grooves must comply with ISO standard 5290, i.e. 15 J for centre distance 17.5 mm. These values differ from those in ISO standard 4183 specified for single-grooved pulleys of SPB section.

### Physical characteristics



	15 J	SPB
Section	SPB	SPB
Pulleys for belts	'dual'	'single'
Pulley standard	ISO 5290	ISO 4183
Centre distance of grooves e (mm)	17.5	19.0
Le - L <sub>d</sub> (mm)	22	22

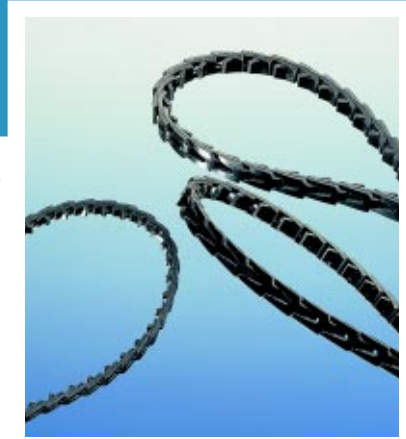
### Designation

In accordance with ISO standard 5290, the designation of TEXROPE® MULTI VP 2 belts contains the number of strands, the section code (15 J for 5V sections) and the effective length.

For further details on belt codes and minimum supply requirements, do not hesitate to contact us.

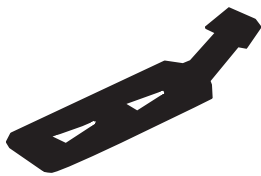
# TEXROPE® COMBITEX™

## Flexible link V-belts



The CombiTex™ V-belt consists of polyurethane links reinforced with polyester fabric. This repair V-belt ensures a reliable performance even on the toughest drives. CombiTex™ belts come in the same A, B and C cross-sections as conventional V-belts and can be installed on existing pulleys without any adaptation of the system. They are suitable for a large variety of industrial applications and allow easy installation on hard-to-reach places.

### Construction and features



- High-tech polyurethane links reinforced with several plies of polyester fabric build a tough, yet flexible belt.
- The unique polyurethane compound is virtually immune to chemicals, abrasion, oil, grease, water, steam and common industrial solvents.
- The unique construction features high strength combined with low stretch; it dampens transmitted engine vibrations extending the bearing life and reducing noise levels.

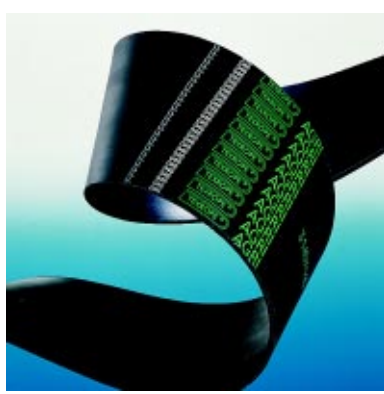
### Available cross-sections

Section	Width
A	13 mm
B	17 mm
C	22 mm

Available from stock on rolls of 20 m.

## TEXROPE® MA 3

### Flat belts with protected edges



TEXROPE® AGRI 3000 x 120



The TEXROPE® MA 3 belt is a flat endless belt wrapped on all four sides. The fabric jacket is resistant to mineral oil splashing and exhibits good abrasion resistance. The extra high-strength MONOCORD tensile member and the specially developed compound are tailored to medium and heavy-duty drives.

These properties make the belts particularly suitable for drives with clutching idler and stepped speed pulleys such as those found on agricultural machinery.

The TEXROPE® MA 3 belt meets anti-static requirements. It is 5.5 mm thick and weighs 690 g/m x 10 cm width.

The TEXROPE® MA 3 belt is available in 18 widths and various lengths. For further details on belt codes and minimum supply requirements, do not hesitate to contact us.

# TEXROPE® SPEEDFLEX®

## Endless flat belts



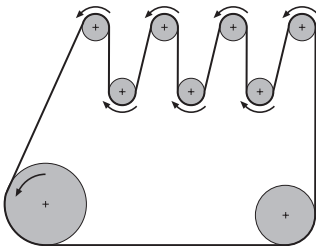
The MONOCORD tensile member, inserted between two fabric-reinforced faces, imparts grip, flexibility and high strength to the SPEEDFLEX® belt. Its elasticity enables it to withstand shocks and stresses on the shafts. It is available in three strengths and can readily be adapted to the requirements of the drive.

### Construction and features



- It is tough and sufficiently flexible to withstand shocks and its tension is constantly adjusted to optimise the stresses on the shafts.
- Manufactured in sleeves of different lengths, it forms a thin and symmetrical belt.
- The continuous MONOCORD tensile member, manufactured in strengths corresponding to the belt type, can cope with all power levels.
- Its controlled flexibility enables it to be finely adjusted to power requirements.
- Two fabric-reinforced faces have a high coefficient of friction and sufficient elasticity to pass around small-diameter pulleys.
- Can be cut to the width required for the application.

### Applications



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.

### Physical characteristics



	TYPE I	TYPE II	TYPE III
Approximate thickness e (mm)	1.9	2.2	3
Weight per 10 cm belt width (g/m)	240	270	400
Available widths (mm)	15 up to 600	15 up to 600	300 up to 600
Recommended min. pulley diameter (mm)	25	50	100

The belt is measured on flat pulleys at the above measuring load F.

The length tolerance (measured in tensioned state) is  $\pm 1\%$ .

The length of the belt in the free state is about 1% shorter than the nominal length.

The calculation procedure in the manual "TEXROPE® Industrial Flat Belts" gives all the information required to calculate a drive using TEXROPE® SPEEDFLEX®. Only available in French.

# TEXROPE® SPEEDFLEX®

SPEEDFLEX®				SPEEDFLEX®				SPEEDFLEX®			
Length (mm)	Type I	Type II	Type III	Length (mm)	Type I	Type II	Type III	Length (mm)	Type I	Type II	Type III
500	x	x		1950	x	x		6500		x	x
530	x	x		2000	x	x		6700		x	x
560	x	x		2060	x	x		6900		x	x
600	x	x		2120	x	x		7100		x	x
630	x	x		2180	x	x		7300		x	x
670	x	x		2240	x	x		7500		x	x
690	x	x		2300	x	x		7750		x	x
710	x	x		2360	x	x		8000		x	x
730	x	x		2430	x	x		8250		x	x
750	x	x		2500	x	x		8500		x	x
775	x	x		2575	x	x		8750		x	x
800	x	x		2650	x	x		9000		x	x
825	x	x		2725	x	x		9250		x	x
850	x	x		2800	x	x		9500		x	x
875	x	x		2900	x	x		9750		x	x
900	x	x		3000	x	x		10000		x	x
925	x	x		3075		x	x	10300			x
950	x	x		3150		x	x	10600			x
975	x	x		3250		x	x	10900			x
1000	x	x		3350		x	x	11200			x
1030	x	x		3450		x	x	11500			x
1060	x	x		3550		x	x	11800			x
1090	x	x		3650		x	x	12150			x
1120	x	x		3750		x	x	12500			x
1150	x	x		3875		x	x	12850			x
1180	x	x		4000		x	x	13200			x
1215	x	x		4125		x	x	13600			x
1250	x	x		4250		x	x	14000			x
1285	x	x		4375		x	x	14500			x
1320	x	x		4500		x	x	15000			x
1360	x	x		4625		x	x	15500			x
1400	x	x		4750		x	x	16000			x
1450	x	x		4875		x	x	16500			x
1500	x	x		5000		x	x	17000			x
1550	x	x		5150		x	x	17500			x
1600	x	x		5300		x	x	18000			x
1650	x	x		5450		x	x	18500			x
1700	x	x		5600		x	x	19000			x
1750	x	x		5750		x	x	19500			x
1800	x	x		6000		x	x	20000			x
1850	x	x		6150		x	x				
1900	x	x		6300		x	x				

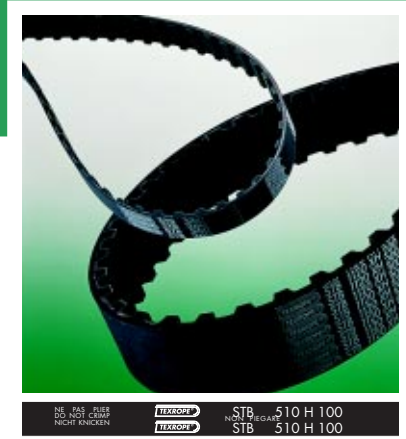
Dimensions in bold are available from stock.

TEXROPE® SPEEDFLEX® is only available in slabs. Please contact our sales department for more information.

# TEXROPE® STB

## Synchronous belts with trapezoidal tooth profile

The TEXROPE® STB synchronous belt with trapezoidal tooth profile provides a positive drive by the meshing of belt teeth with the pulley grooves, i.e. with no belt slip. The lightness of the belt, the fact that the tension is used solely for the necessary tractive force and that there is no lubrication required make it possible to simplify the drive design. Investment and maintenance costs are thus considerably reduced.



### Construction and features



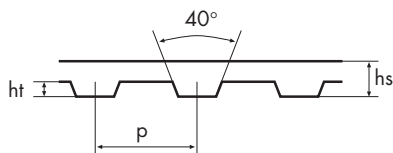
- This synchronous belt with standard trapezoidal tooth profile is available in XL, L, H and XH profiles.
- The tensile member provides tensile strength with virtually no stretch.
- The flexible rubber top cover protects the tensile cords.
- The precision-moulded teeth provide ideal meshing.
- The abrasion-resistant cover protects the teeth in their contact with the pulleys.
- The covering also reduces noise.
- The belt is resistant to commonly used oils and temperatures between -25°C and +100°C.
- The meshing of the teeth prevents belt slip and speed variations, thus ensuring perfect synchronisation and a positive drive.
- The absence of metal-to-metal contact and the flexible meshing of the teeth considerably reduce the noise of the synchronous system.
- Complies with ISO standard 5296.

### Applications

The positive belt drive, which uses the tension solely for tractive force, and the wide range of power levels covered by the TEXROPE® STB synchronous belt make drive systems more compact and efficient and reduce maintenance costs.

This belt range covers all industrial positive drive applications from hand-held tools to automated production lines and includes machine tools and printing machines, etc.

### Physical characteristics



	XL	L	H	XH
Pitch p (mm)	5.080	9.525	12.700	22.225
Tooth height ht (mm)	1.27	1.91	2.29	6.35
Nominal height hs (mm)	2.3	3.5	4.0	11.4
Belt unit weight (g/m) for 1 mm width	2.4	3.2	3.9	11.3
Min. pulley diameter in number of teeth	10	10	14	18
Min. pitch diameter (mm)	16.17	30.32	56.6	127.34

The calculation procedure in the manual "TEXROPE® Synchronous Belts" (ref. E/80019) gives all the information needed to calculate a drive using TEXROPE® STB belts. Only available in French and Italian.

XL			L			H			XH		
Belt code	Lp (mm)	N° of teeth	Belt code	Lp (mm)	N° of teeth	Belt code	Lp (mm)	N° of teeth	Belt code	Lp (mm)	N° of teeth
<b>60 XL</b>	152.4	30	<b>124 L</b>	314.3	33	<b>240 H</b>	609.6	48	<b>507 XH</b>	1289.0	58
<b>70 XL</b>	177.8	35	<b>150 L</b>	381.0	40	<b>270 H</b>	685.8	54	<b>560 XH</b>	1422.4	64
<b>80 XL</b>	203.2	40	<b>187 L</b>	476.3	50	<b>300 H</b>	762.0	60	<b>630 XH</b>	1600.2	72
<b>90 XL</b>	228.6	45	<b>202 L</b>	514.4	54	<b>330 H</b>	838.2	66	<b>700 XH</b>	1778.0	80
<b>100 XL</b>	254.0	50	<b>210 L</b>	533.4	56	<b>360 H</b>	914.4	72	<b>770 XH</b>	1955.8	88
<b>110 XL</b>	279.4	55	<b>225 L</b>	571.5	60	<b>390 H</b>	990.6	78	<b>840 XH</b>	2133.6	96
<b>120 XL</b>	304.8	60	<b>240 L</b>	609.6	64	<b>420 H</b>	1066.8	84	<b>980 XH</b>	2489.2	112
<b>130 XL</b>	330.2	65	<b>255 L</b>	647.7	68	<b>450 H</b>	1143.0	90	<b>1120 XH</b>	2844.8	128
<b>140 XL</b>	355.6	70	<b>270 L</b>	685.8	72	<b>480 H</b>	1219.2	96	<b>1260 XH</b>	3200.4	144
<b>150 XL</b>	381.0	75	<b>285 L</b>	723.9	76	<b>510 H</b>	1295.4	102	<b>1400 XH</b>	3556.0	160
<b>160 XL</b>	406.4	80	<b>300 L</b>	762.0	80	<b>540 H</b>	1371.6	108	<b>1540 XH</b>	3911.6	176
<b>170 XL</b>	431.8	85	<b>322 L</b>	819.2	86	<b>570 H</b>	1447.8	114	<b>1750 XH</b>	4445.0	200
<b>180 XL</b>	457.2	90	<b>345 L</b>	876.3	92	<b>600 H</b>	1524.0	120			
<b>190 XL</b>	482.6	95	<b>367 L</b>	933.5	98	<b>630 H</b>	1600.2	126			
<b>200 XL</b>	508.0	100	<b>390 L</b>	990.6	104	<b>660 H</b>	1676.4	132			
<b>210 XL</b>	533.4	105	<b>420 L</b>	1066.8	112	<b>700 H</b>	1778.0	140			
<b>220 XL</b>	558.8	110	<b>450 L</b>	1143.0	120	<b>750 H</b>	1905.0	150			
<b>230 XL</b>	584.2	115	<b>480 L</b>	1219.2	128	<b>800 H</b>	2032.0	160			
<b>240 XL</b>	609.6	120	<b>510 L</b>	1295.4	136	<b>850 H</b>	2159.0	170			
<b>250 XL</b>	635.0	125	<b>540 L</b>	1371.6	144	<b>900 H</b>	2286.0	180			
<b>260 XL</b>	660.4	130	<b>600 L</b>	1524.0	160	<b>1000 H</b>	2540.0	200			
						<b>1100 H</b>	2794.0	220			
						<b>1250 H</b>	3175.0	250			
						<b>1400 H</b>	3556.0	280			
						<b>1700 H</b>	4318.0	340			

### 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

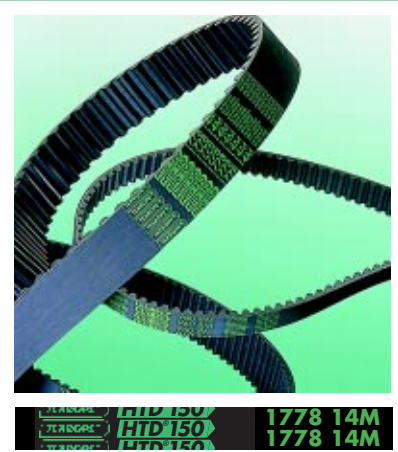
Dimensions in bold are available from stock.

The XXH belt is available on request.

TEXROPE® STB belts are also available in slabs. Please consult TEXROPE® price list for more information on available widths.

# TEXROPE® HTD® 150

## Synchronous belts with improved HTD® profile



TEXROPE® HTD®150 is a universal synchronous belt transmitting up to 50% more power than the standard TEXROPE® HTD® belt. It is available in 8M and 14M pitches and fits in HTD® 8 mm and 14 mm pulleys. No need to replace the drive system, TEXROPE® HTD®150 ensures a perfect fit.

The belt also offers the benefits of standard HTD® belts which originate from the characteristics of its curved tooth profile:

- High efficiency positive drive yielding significant cost savings;
- Requires only minimum maintenance;
- Reduces noise.

### Construction

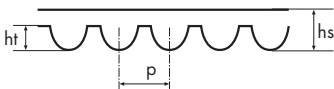


- Body and teeth are made of a premium anti-static compound meeting ISO 9563 (a certificate of conformity is supplied on request).
- The strong tensile cords provide the belt with its excellent flex life and resistance to elongation. Re-tensioning is unnecessary.
- The curvilinear tooth profile improves stress distribution, enhances load capacity and significantly reduces noise levels. The teeth are made of a shear resistant rubber compound. They are accurately pitched and engage precisely with the pulley grooves.
- Good resistance to various oils and temperatures from -25°C to +100°C.
- The flexible backing protects the cords against abrasive agents and major oils and contaminants.
- The anti-abrasion facing protects the contact surfaces and also minimises noise levels.

### Applications

TEXROPE® HTD®150 belts are suitable for all heavy-duty standard synchronous drive applications. They are totally compatible with HTD® belts and can be mounted on any drive using 8M and 14M HTD® profile pulleys. They are designed to satisfy the power requirements of industrial and agricultural applications such as pumps and blowers, agricultural equipment and machine tools.

### Physical characteristics



	8M	14M
Pitch p (mm)	8	14
Tooth height ht (mm)	3.4	6.0
Belt height hs (mm)	5.6	10.0
Belt unit weight (g/m) for 1 mm width	5.5	9.6
Minimal pulley outside diameter in number of teeth	22	28
Minimal pitch diameter (mm)	56.02	124.78

The calculation procedure in the manual "TEXROPE® Synchronous belts" (ref. E/80019) gives all the information needed to calculate a drive using TEXROPE® HTD®150 belts. Only available in French and Italian.

# TEXROPE® HTD® 150

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

## 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

Dimensions in bold are available from stock.

TEXROPE® HTD® 150 belts are also available in slabs. Please consult TEXROPE® price list for more information on available widths.

TEXROPE® HTD® 5M is available on request.

# SynchroPower®

## Polyurethane belts with metric pitch



SynchroPower® polyurethane metric pitch belts offer an optimal price/quality ratio. They provide maximum power transmission combined with perfect tooth meshing and tight and accurate tolerances. These belts can run at linear speeds up to 75 m/s. Thanks to its improved flex fatigue life, the belt has a substantially increased service life.

### Construction and features

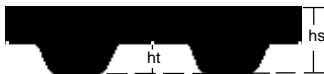


- Tough and flexible polyurethane compound provides consistent quality.
- Steel tensile member ensures high resistance to elongation.
- Fixed centre distances are possible.
- Good resistance to various oils, ozone, abrasion and temperatures from -30°C to +80°C.
- Efficiency to 98%.

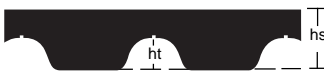
### Applications

SynchroPower® polyurethane belts with metric pitch are the ideal solution for applications in office machines, paper industry, mixers, domestic appliances, compressors, film projectors, sewing machines and toys, and especially for applications where hygiene is of the utmost importance.

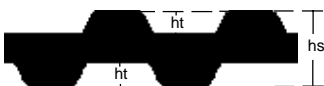
### Physical characteristics



	T2.5	T5	T10
Pitch p (mm)	2.5	5.0	10.0
Tooth height ht (mm)	0.7	1.2	2.5
Belt height hs (mm)	1.3	2.2	4.5
Min. pulley diameter in number of teeth	10	10	12
Min. pitch diameter (mm)	7.95	15.91	38.19



	AT5	AT10
Pitch p (mm)	5.0	10.0
Tooth height ht (mm)	1.2	2.5
Belt height hs (mm)	2.7	5.0
Min. pulley diameter in number of teeth	12	12
Min. pitch diameter (mm)	19.09	38.19



	DL-T5	DL-T10
Pitch p (mm)	5.0	10.0
Tooth height ht (mm)	1.2	2.5
Belt height hs (mm)	3.4	7.0
Min. pulley diameter in number of teeth	10	12
Min. pitch diameter (mm)	15.91	38.19

# SynchroPower®

## Endless construction

T2.5		
Belt code	Lp (mm)	N° of teeth
<b>T2.5 120</b>	120*	48
<b>T2.5 145</b>	145*	58
<b>T2.5 160</b>	160	64
<b>T2.5 177</b>	177.5	71
<b>T2.5 180</b>	180	72
<b>T2.5 200</b>	200	80
<b>T2.5 230</b>	230	92
<b>T2.5 245</b>	245	98
<b>T2.5 265</b>	265	106
<b>T2.5 285</b>	285	114
<b>T2.5 290</b>	290	116
<b>T2.5 305</b>	305	122
<b>T2.5 317</b>	317.5	127
<b>T2.5 330</b>	330	132
<b>T2.5 380</b>	380	152
<b>T2.5 420</b>	420	168
<b>T2.5 480</b>	480	192
<b>T2.5 500</b>	500	200
<b>T2.5 600</b>	600	240
<b>T2.5 620</b>	620	248
<b>T2.5 650</b>	650	260
<b>T2.5 680</b>	680	272
<b>T2.5 780</b>	780	312
<b>T2.5 880</b>	880	352
<b>T2.5 915</b>	915	366
<b>T2.5 950</b>	950	380
<b>T2.5 1185</b>	1185	474

Available as single belts and in slabs of 300 mm width.

\* Slabs only available in 240 mm width.

T5		
Belt code	Lp (mm)	N° of teeth
<b>T5 150</b>	150*	30
<b>T5 185</b>	185	37
<b>T5 200</b>	200	40
<b>T5 210</b>	210	42
<b>T5 215</b>	215	43
<b>T5 220</b>	220	44
<b>T5 225</b>	225	45
<b>T5 245</b>	245	49
<b>T5 250</b>	250	50
<b>T5 255</b>	255	51
<b>T5 260</b>	260	52
<b>T5 270</b>	270	54
<b>T5 280</b>	280	56
<b>T5 295</b>	295	59
<b>T5 305</b>	305	61
<b>T5 330</b>	330	66
<b>T5 340</b>	340	68
<b>T5 350</b>	350	70
<b>T5 355</b>	355	71
<b>T5 365</b>	365	73
<b>T5 390</b>	390	78
<b>T5 400</b>	400	80
<b>T5 410</b>	410	82
<b>T5 420</b>	420	84
<b>T5 455</b>	455	91
<b>T5 475</b>	475	95
<b>T5 480</b>	480	96
<b>T5 500</b>	500	100
<b>T5 510</b>	510	102
<b>T5 525</b>	525	105
<b>T5 545</b>	545	109
<b>T5 550</b>	550	110
<b>T5 560</b>	560	112
<b>T5 575</b>	575	115
<b>T5 590</b>	590	118
<b>T5 610</b>	610	122
<b>T5 620</b>	620	124
<b>T5 630</b>	630	126
<b>T5 650</b>	650	130
<b>T5 660</b>	660	132
<b>T5 690</b>	690	138
<b>T5 720</b>	720	144
<b>T5 750</b>	750	150
<b>T5 780</b>	780	156
<b>T5 815</b>	815	163
<b>T5 830</b>	830	166
<b>T5 840</b>	840	168
<b>T5 885</b>	885	177
<b>T5 900</b>	900	180
<b>T5 940</b>	940	188
<b>T5 990</b>	990	198
<b>T5 1075</b>	1075	215
<b>T5 1100</b>	1100	220
<b>T5 1160</b>	1160	232
<b>T5 1215</b>	1215	243
<b>T5 1315</b>	1315	263
<b>T5 1380</b>	1380	276

Available as single belts and in slabs of 300 mm width.

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

Available as single belts and in slabs of 300 mm width.

DL-T5		
Belt code	Lp (mm)	N° of teeth
<b>DL-T5 410</b>	410	82
<b>DL-T5 460</b>	460	92
<b>DL-T5 590</b>	590	118
<b>DL-T5 620</b>	620	124
<b>DL-T5 750</b>	750	150
<b>DL-T5 815</b>	815	163
<b>DL-T5 860</b>	860	172
<b>DL-T5 940</b>	940	188
<b>DL-T5 1100</b>	1100	220

Available as single belts and in slabs of 300 mm width.

DL-T10		
Belt code	Lp (mm)	N° of teeth
<b>DL-T10 260</b>	260	26
<b>DL-T10 530</b>	530	53
<b>DL-T10 630</b>	630	63
<b>DL-T10 660</b>	660	66
<b>DL-T10 720</b>	720	72
<b>DL-T10 840</b>	840	84
<b>DL-T10 980</b>	980	98
<b>DL-T10 1210</b>	1210	121
<b>DL-T10 1240</b>	1240	124
<b>DL-T10 1250</b>	1250	125
<b>DL-T10 1320</b>	1320	132
<b>DL-T10 1350</b>	1350	135
<b>DL-T10 1420</b>	1420	142
<b>DL-T10 1610</b>	1610	161
<b>DL-T10 1880</b>	1880	188

Available as single belts and in slabs of 300 mm width.

Dimensions in bold are available from stock.

## SynchroPower® Endless construction

AT5			AT10		
Belt code	Lp (mm)	N° of teeth	Belt code	Lp (mm)	N° of teeth
AT5 225	225	45	AT10 500	500	50
AT5 255	255	51	AT10 560	560	56
AT5 275	275	55	AT10 610	610	61
AT5 280	280	56	AT10 660	660	66
AT5 300	300	60	AT10 700	700	70
AT5 340	340	68	AT10 730	730	73
AT5 375	375	75	AT10 780	780	78
AT5 390	390	78	AT10 800	800	80
AT5 420	420	84	AT10 810	810	81
AT5 455	455	91	AT10 840	840	84
AT5 500	500	100	AT10 890	890	89
AT5 545	545	109	AT10 920	920	92
AT5 600	600	120	AT10 960	960	96
AT5 610	610	122	AT10 980	980	98
AT5 630	630	126	AT10 1010	1010	101
AT5 660	660	132	AT10 1050	1050	105
AT5 720	720	144	AT10 1080	1080	108
AT5 750	750	150	AT10 1150	1150	115
AT5 780	780	156	AT10 1210	1210	121
AT5 825	825	165	AT10 1250	1250	125
AT5 975	975	195	AT10 1320	1320	132
AT5 1050	1050	210	AT10 1400	1400	140
AT5 1125	1125	225	AT10 1500	1500	150
AT5 1500	1500	300	AT10 1600	1600	160
			AT10 1700	1700	170
			AT10 1800	1800	180

Available as single belts and in slabs of 200 mm width.

Available as single belts and in slabs of 200 mm width.

## SynchroPower® Open-ended construction

T profile	Width mm / code
T5	6, 10, 16, 25, 32, 50
T10	16, 25, 32, 50, 75, 100

AT profile	Width mm / code
AT5	6, 10, 16, 25, 32, 50
AT10	16, 25, 32, 50, 75, 100

STB profile	Width mm / code
L	037, 050, 075, 100, 150
H	050, 075, 100, 150, 200, 300, 400

Steel tensile member  
Only available on rolls of 50 m

### Standard widths for single belts:

Code	mm	T2.5	T5	T10	DL-T5	DL-T10	AT5	AT10
4	4	x						
6	6	x	x		x			
8	8	x	x		x			
10	10	x	x	x	x	x	x	x
12	12	x	x	x	x	x		
16	16		x	x	x	x	x	x
20	20		x	x	x	x		
25	25		x	x	x	x	x	x
32	32			x	x	x	x	x
50	50			x		x	x	x

Dimensions in bold are available from stock.



# TEXROPE® LL

## Open-ended synchronous belts with STB or HTD® tooth profile

TEXROPE® LL synchronous open-ended rubber belts are available in STB (trapezoidal) or HTD® (curved) profiles and with two types of tensile member:

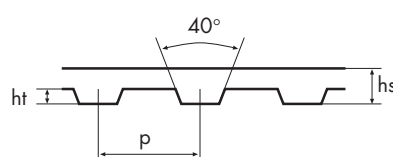
- standard, i.e. glass-fibre;
- metal, i.e. steel cords (with the word STEEL on the belt).

TEXROPE® LL belts are cut straight. Their teeth, which are strictly at right angles to the edges, guarantee precise positioning in all applications with linear movement.

### 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	9.53
LL L 050	12.70
LL L 075	19.05
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

### Physical characteristics

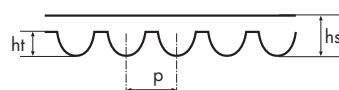


	<b>XL</b>	<b>L</b>	<b>H</b>	<b>XH</b>
Pitch p (mm)	5.080	9.525	12.700	22.225
Tooth height ht (mm)	1.27	1.91	2.29	6.35
Nominal height hs (mm)	2.3	3.5	4.0	11.4
Belt unit weight (g/m) for 1 mm width	2.4	3.2	3.9	11.3
Min. pulley diameter in number of teeth	10	10	14	18
Min. pitch diameter (mm)	16.17	30.32	56.6	127.34

### 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
LL 14M 25	25
LL 14M 40	40
LL 14M 55	55
LL 14M 85	85
LL 14M 115	115

### Physical characteristics



	<b>8M</b>	<b>14M</b>
Pitch p (mm)	8	14
Tooth height ht (mm)	3.4	6.0
Belt height hs (mm)	5.6	10.0
Belt unit weight (g/m) for 1 mm width	5.5	9.6
Minimal pulley outside diameter in number of teeth	22	28
Minimal pitch diameter (mm)	56.02	124.78

The calculation procedure in the manual "TEXROPE® Synchronous belts" (ref. E/80019) gives all the information needed to calculate a drive using TEXROPE® Long Length belts. Only available in French and Italian.

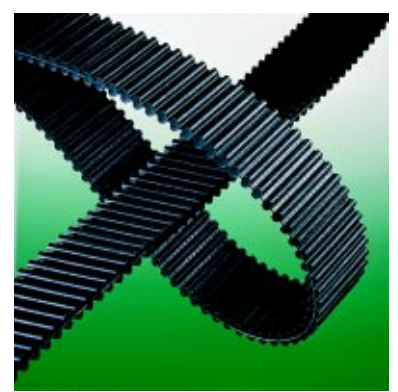
Available on rolls of 30 m.

Dimensions in bold are available from stock.

3M and 5M belts are available on request.

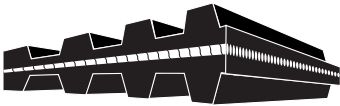
# TEXROPE® DF

## Double-sided synchronous belts with STB or HTD® tooth profile



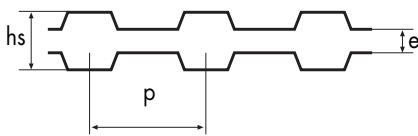
TEXROPE® DF double-sided endless belts, in STB (trapezoidal) or HTD® (curved) profiles, are designed for synchronous drives with contra-rotating shafts.

TEXROPE® DF belts are particularly suitable for serpentine drives. Their perfect symmetry enables the power rating to be distributed anywhere between the two faces.

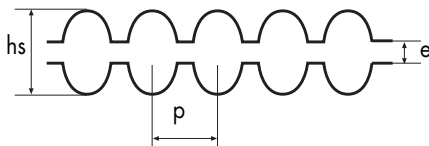


### Physical characteristics

#### STB profile



#### HTD® profile



	STB profile			HTD® profile	
	XL	L	H	8M	14M
Pitch p (mm)	5.08	9.53	12.7	8	14
Nominal height hs (mm)	3.0	4.5	5.8	8.3	14.9
Thickness between teeth e (mm)	0.5	0.8	1.4	1.4	2.8
Belt unit weight (g/m) for 1 mm width.	1.9	3.2	4.6	7.2	12.3

The calculation procedure in the manual "TEXROPE® Synchronous belts" (ref. E/80019) gives all the information needed to calculate a drive using TEXROPE® DF belts. Only available in French and Italian.

<b>XL</b>		
Belt code	Lp (mm)	N° of teeth
150 XL	381.0	75
160 XL	406.4	80
<b>170 XL</b>	431.8	85
<b>180 XL</b>	457.2	90
190 XL	482.6	95
200 XL	508.0	100
210 XL	533.4	105
<b>220 XL</b>	558.8	110
230 XL	584.2	115
240 XL	609.6	120
250 XL	635.0	125
<b>260 XL</b>	660.4	130

<b>L</b>		
Belt code	Lp (mm)	N° of teeth
210 L	533.4	56
225 L	571.5	60
<b>240 L</b>	609.6	64
255 L	647.7	68
270 L	685.8	72
285 L	723.9	76
300 L	762.0	80
<b>322 L</b>	819.2	86
<b>345 L</b>	876.3	92
367 L	933.5	98
390 L	990.6	104
<b>420 L</b>	1066.8	112
<b>450 L</b>	1143.0	120
<b>480 L</b>	1219.2	128
<b>510 L</b>	1295.4	136
540 L	1371.6	144
<b>600 L</b>	1524.0	160

<b>H</b>		
Belt code	Lp (mm)	N° of teeth
360 H	914.4	72
<b>390 H</b>	990.6	78
<b>420 H</b>	1066.8	84
450 H	1143.0	90
<b>480 H</b>	1219.2	96
<b>510 H</b>	1295.4	102
<b>540 H</b>	1371.6	108
570 H	1447.8	114
<b>600 H</b>	1524.0	120
<b>630 H</b>	1600.2	126
<b>660 H</b>	1676.4	132
700 H	1778.0	140
<b>750 H</b>	1905.0	150
<b>800 H</b>	2032.0	160
850 H	2159.0	170
900 H	2286.0	180
1000 H	2540.0	200
<b>1100 H</b>	2794.0	220
1250 H	3175.0	250
1400 H	3556.0	280
1700 H	4318.0	340

<b>8M</b>		
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

<b>14M</b>		
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
2450 - 14M	2450	175
2590 - 14M	2590	185
2800 - 14M	2800	200
3150 - 14M	3150	225

**Standard widths:**

Code	mm	XL	L	H
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
300	76.2			x

Code	mm	8M	14M
20	20	x	
30	30	x	
40	40		x
50	50	x	
55	55		x
85	85	x	x

Dimensions in bold are available from stock.

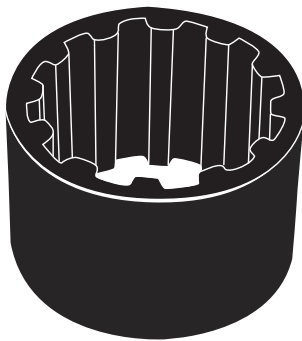
# TEXROPE® CFX

## Flexible couplings



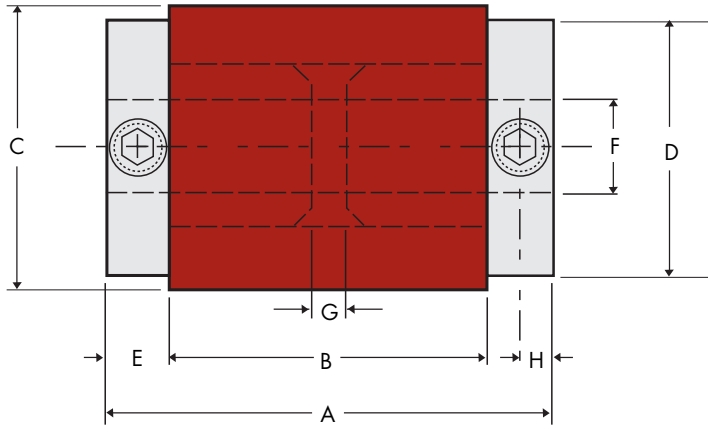
The new TEXROPE® CFX flexible couplings are strong, highly efficient, positive couplings capable of absorbing load pulsation and shocks. TEXROPE® CFX couplings are recommended for general use, but also give excellent performance in troublesome conditions.

### Construction and features



- Flexible sleeve featuring axially moulded internal teeth.
- Two end pieces with grooves to mate with teeth of the sleeve. To each shaft one end piece can be attached.
- High resistance to shock loads with a high torsional resilience.
- Noise and vibration reduction: the high damping factor and progressive torsional stiffness of the sleeve reduces transmitted noise and vibration aiding the elimination of resonance effects.
- Overload protection: sleeve can act as a “fuse” preventing damage to expensive components in cases of machine blockages.
- Tolerance to misalignment: in normal use the coupling tolerates up to 7° axial misalignment, with no significant reduction in service life.
- Easy installation by eye shaft alignment; no precise measurements required.
- No need for lubrication as the elastomeric teeth of the sleeve positively fit with the grooves of the end fittings and there is no metal-to-metal contact.
- No end thrust: construction prevents the transmission of lateral thrust from one shaft to another.
- Low cost: low initial cost and low maintenance costs due to the simplified design.
- Versatility: because supplied in minimum plain bore (with set screw) end pieces can be bored to size.

The drive design procedure in the brochure E2/80026 gives all the information needed to calculate a drive using TEXROPE® CFX couplings.



Ref	Complete coupling			Rubber sleeve						End piece	
	A	B	C	D	E	F min. plain bore	F max. bore	G	H		
	mm	mm	mm	mm	mm	mm	mm	mm	mm		
<b>CFX 11</b>	24.5	13.3	18.5	18.0	5.6	4.0	9.0	1.0	2.8		
<b>CFX 21</b>	56.0	40.0	29.0	30.0	8.0	8.0	15.0	2.0	4.0		
<b>CFX 33</b>	58.7	39.7	38.1	36.5	9.5	9.5	15.9	1.6	4.8		
<b>CFX 43</b>	58.7	39.7	44.5	41.3	9.5	9.5	22.2	1.6	4.8		
<b>CFX 56</b>	61.9	39.7	58.7	52.4	11.1	14.0	30.2	1.6	5.6		
<b>CFX 66</b>	69.1	40.5	74.6	69.9	14.3	14.0	35.0	2.4	7.1		
<b>CFX 76</b>	87.4	54.0	88.9	82.6	16.7	12.7	41.3	3.2	8.7		
<b>CFX 86</b>	87.4	54.0	103.2	95.3	16.7	12.7	47.6	3.2	8.7		

Note: End pieces are supplied in minimum plain bore with set screw.

Dimensions in bold are available from stock.

# TEXROPE® ATX

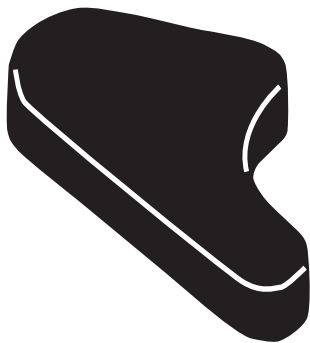
## Laser alignment device



Noise, wear on pulleys, belts and bearings, vibrations and in the end machine downtime may all be caused by improper pulley alignment. The current method to measure misalignment is putting a straight edge up to the pulleys. A much faster and more accurate method is ensured by the unique laser alignment device, TEXROPE® ATX. Mounted in a few seconds, the laser line projected onto the targets allows you to quickly ascertain and correct misalignment. The TEXROPE® ATX identifies parallel as well as angular misalignment between the pulleys. The laser line is projected on the targets and when the line lies in the slots of the targets, the machine is in the right position. The result is fast and precise alignment.

The TEXROPE® ATX laser alignment device is so light it can be mounted on non-magnetic pulleys with the double sided adhesive tape. It can be used on both horizontally and vertically mounted machines and is suitable for pulley diameters of 60 mm and larger.

### Construction



- For both V-belts and synchronous belts.
- Shows parallel and angular misalignment between the pulleys.
- Much faster and more accurate than measuring with earlier, conventional methods.
- For both horizontally and vertically mounted machines.
- Alignment can be made by one operator.
- Also suitable for non-magnetic pulleys.
- Calibration accuracy: offset < 0.5 mm; angle < 0.1°.
- Targets: 2 pieces magnet targets with adjustable centre line.

### Technical characteristics

• Pulley diameters	≥ 60 mm
• Beam angle	78°
• Measurement distance	10 m (33 ft)
• Battery	1 x R6 (AA) 1.5 V
• Battery operation	8 hours continuously
• Laser class	2
• Output power	< 1 mW
• Laser wave length	635 – 670 nm
• Temperature range	-10°C up to +50°C
• Housing	ABS plastics
• Back plate	Anodised aluminium
• Weight	0.25 kg
• Dimensions:	W 147 mm x H 87 mm x D 28 mm

**NOTE: THE TEXROPE® ATX SHOULD NOT BE USED IN EXPLOSIVE RISK AREAS.**

## Special constructions

Subject to minimum order quantities, we can supply TEXROPE® belts with special characteristics. Please contact us.

## Advice

Advice is of course, an integral part of the TEXROPE® service. Our calculation manuals are available on request. Our Distributors are also able to advise you and help you calculate drives thanks to the necessary software and training they have been given. The multilingual **TEXROPE® drive design software** runs under Windows. Available on CD-ROM

(E/80008), the program simplifies the drive calculation of V-belts and synchronous belts depending on the criteria and limitations specified by the user.

The software runs under Windows 95, 98, 2000, NT or Millennium and requires a Pentium 133 processor or higher.

In difficult cases our application engineers can do the calculations for you. Ranging from the simple task of checking an existing drive to the design of new equipment, TEXROPE® can supply all you need to ensure a perfectly operating drive system.

## Care and maintenance

To get the best out of your TEXROPE® belt drive, here are some tips on care and maintenance.

### - Storage:

Drive belts can be stored for long periods in a clean, properly ventilated stockroom at normal ambient temperature, away from direct sunlight, UV radiation and ozone.

They may be reeled, but must not be stacked under excessive loads; they may not be bent, squeezed or tightly folded.

They can be stored vertically on pegs provided that the pegs do not have sharp edges and are of a sufficiently large diameter.

### - Installation:

Pulleys must be very clean and have the correct profile.

The shafts must be parallel, the pulley grooves must be correctly aligned, and the belts fitted without forcing. If there is an idler, it must have a recommended minimum diameter and be positioned on the slack side so as to ensure a big enough arc of contact on the small pulley.

If one or more belts in a drive system should fail, the complete set must be replaced.

### - Tensioning:

The life of a belt largely depends on the proper tension. You should follow the tensioning instructions and, after the drive has been run in, check the tension using the deflection or elongation method.

### - Maintenance:

Belt maintenance is usually a matter of checking the belt for cleanliness, alignment and tension.

But it is also important to keep the other drive components in good condition and, in particular, to check pulley wear, the condition and lubrication of bearings, the rigidity of structures and parallel alignment of the shafts.

## TEXROPE® web site

You can visit TEXROPE® on [www.texrope.com](http://www.texrope.com), where you will find a detailed company and product description. Surfing from one product to another is no problem and product information can be easily downloaded. Information on the TEXROPE® services includes contact details of the sales team, advice of application engineers and distributors and an overview of the marketing communication support.

An online e-mail function allows you to get directly in touch with the right person. Our Distributors can also install a link between their own web site and the TEXROPE® site, in order to offer their customers at all times the latest information on TEXROPE® products.

### Important:

Every effort has been made to ensure that the information contained in this manual is complete and accurate. Nevertheless, the manufacturer cannot be held responsible for errors or omissions which have occurred after its release for printing; or for the use of its products in special or exceptional circumstances if a TEXROPE® representative has not been consulted beforehand about the suitability of the intended application.

***This issue is released October 2003 and supersedes all previous versions. If your catalogue is more than 2 years old, please consult a TEXROPE® representative to check whether you have the latest version.***



**France**

TEXROPE®  
Courroies Industrielles  
B.P. 37  
Zone Industrielle  
F - 95380 Louvres  
Tl : (33) 1 / 34 47 41 31  
Fx : (33) 1 / 34 72 60 54  
cath@texrope.com

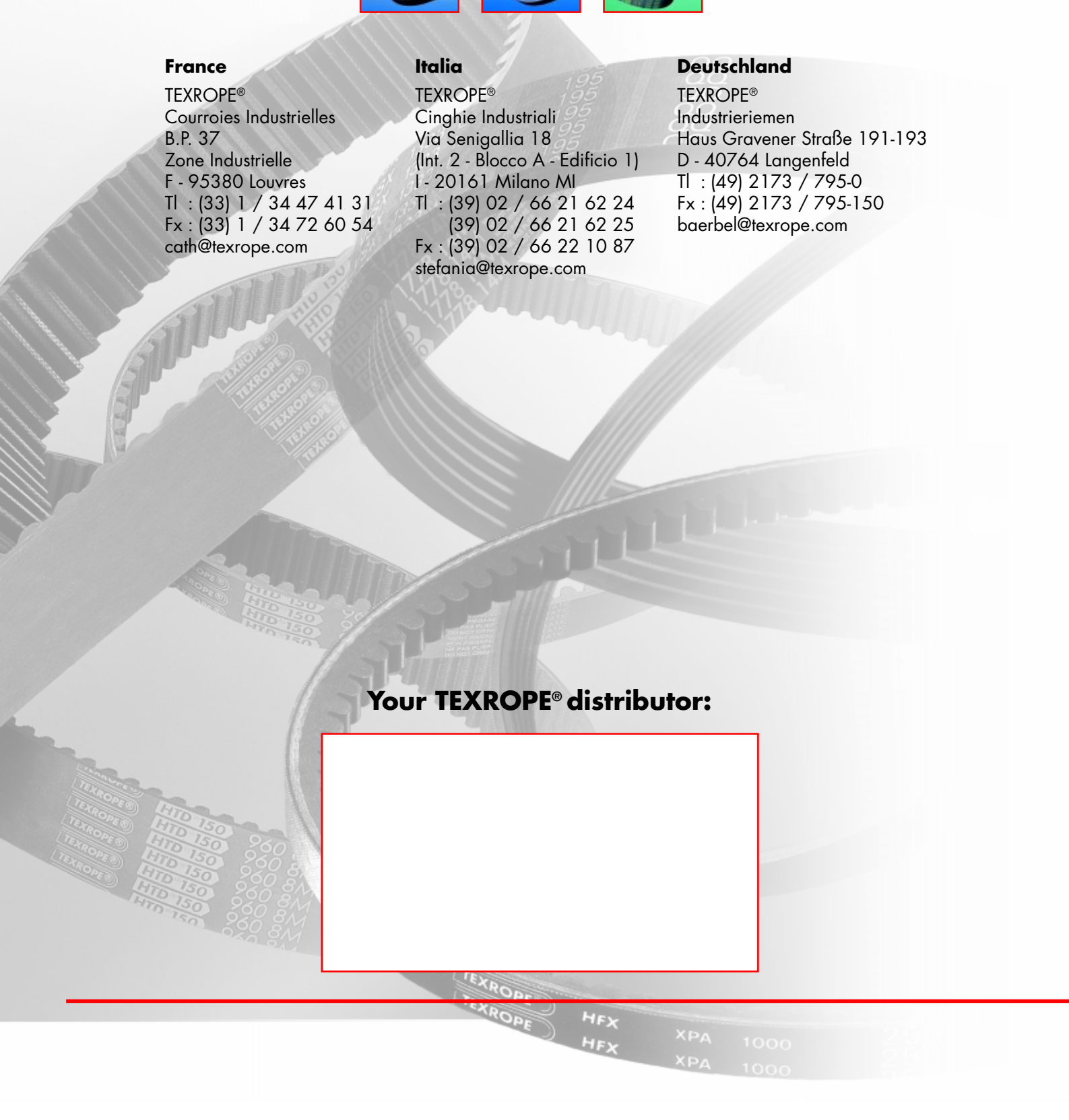
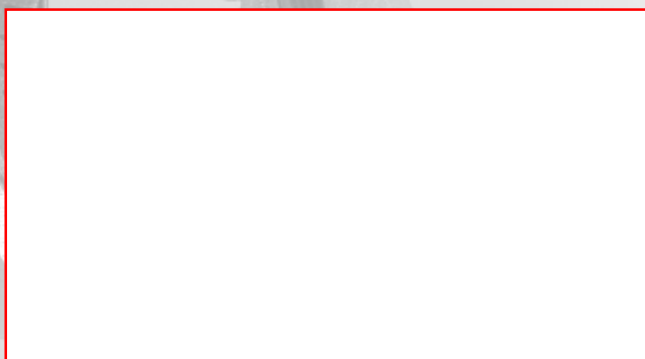
**Italia**

TEXROPE®  
Cinghie Industriali  
Via Senigallia 18  
(Int. 2 - Blocco A - Edificio 1)  
I - 20161 Milano MI  
Tl : (39) 02 / 66 21 62 24  
(39) 02 / 66 21 62 25  
Fx : (39) 02 / 66 22 10 87  
stefania@texrope.com

**Deutschland**

TEXROPE®  
Industrieriemen  
Haus Gravener Straße 191-193  
D - 40764 Langenfeld  
Tl : (49) 2173 / 795-0  
Fx : (49) 2173 / 795-150  
baerbel@texrope.com

**Your TEXROPE® distributor:**



TEXROPE  
TEXROPE  
HFX  
HFX  
XPA 1000  
XPA 1000  
25  
25  
25