

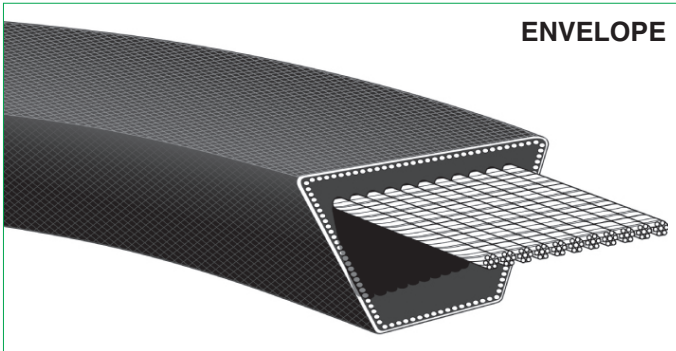


# SIT EXCELITE® ES (ISO) - CL



Performance index

Z - A - B - C - D



ENVELOPE

### APPLICATIONS

- Compressors
- Industrial fans
- Textile machines
- Woodworking machines
- Construction equipment
- Mills
- Mixers

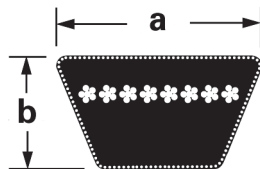
SIT EXCELITE® ES belts are manufactured in accordance with ISO 4184 and DIN 2215.

Due to the special insulation filler and the treatment of the tensile members, we are able to achieve a strong adhesion between cords and rubber base.

For this reason EXCELITE® ES belts can be used in a wide range of industrial and agricultural applications and guarantee high reliability and long lifetime.

### Belt dimensions

Section	a [mm]	b [mm]
Z	10	6
A	13	8
B	16	11
C	22	14
D	32	20



### KEY FEATURES & BENEFITS

- Good oil resistance
- Temperature: -40/+70 °C
- Static conductive (ISO 1813)
- Constant length (ISO specification)
- Precision Matched

### BELT MATERIAL

- Tensile members: Polyester
- Compound: fiber loaded rubber
- Wrapping cover: fabric

### Precision Matched

Length tolerances obtained by the Precision Matched System are tighter compared to that prescribed by ISO 4184



V-BELTS - CL

SIT have a complete stock of pulleys for all belts.

## Available sizes

EXCELITE® ES - Z	
Part number	Inside length (Li) [mm]
CLZ16	410
CLZ17	430
CLZ18	460
CLZ19	480
CLZ20	510
CLZ21	530
CLZ21-1/2	545
CLZ22	560
CLZ23	585
CLZ23-3/4	605
CLZ24	610
CLZ25	635
CLZ25-1/2	650
CLZ26	660
CLZ26-1/2	670
CLZ27	685
CLZ27-1/2	700
CLZ28	710
CLZ28-1/2	725
CLZ29	735
CLZ29-1/2	750
CLZ30	760
CLZ30-1/2	775
CLZ30-3/4	780
CLZ31	790
CLZ32	815
CLZ32-1/2	825
CLZ33	840
CLZ34	865
CLZ34-1/2	875
CLZ35	890
CLZ35-1/2	900
CLZ36	915
CLZ37	945
CLZ38	965
CLZ38-1/2	975
CLZ39	990
CLZ40	1016
CLZ40-1/2	1030
CLZ41	1040
CLZ41-1/2	1050
CLZ42	1070
CLZ43	1090
CLZ44	1120
CLZ45	1145
CLZ45-1/2	1155
CLZ46	1170
CLZ47	1194
CLZ48	1225
CLZ49	1245
CLZ50	1270
CLZ51	1300
CLZ52	1320
CLZ53	1345
CLZ54	1371
CLZ55	1400
CLZ56	1422
CLZ57	1450
CLZ58	1475
CLZ59	1500
CLZ59-1/2	1515
CLZ60	1524
CLZ61	1550

EXCELITE® ES - Z	
Part number	Inside length (Li) [mm]
CLZ62	1575
CLZ64	1626
CLZ65	1651
CLZ66	1675
CLZ68	1725
CLZ69	1750
CLZ70	1775
CLZ71	1803
CLZ72	1830
CLZ76	1930
CLZ78	1975
CLZ79	2000
CLZ82	2095

EXCELITE® ES - A	
Part number	Inside length (Li) [mm]
CLA15	382
CLA16	407
CLA18	457
CLA19	480
CLA20	508
CLA21	535
CLA22	560
CLA23	587
CLA23-1/2	600
CLA24	610
CLA25	630
CLA26	660
CLA26-1/2	680
CLA27	686
CLA28	710
CLA29	730
CLA30	767
CLA31	787
CLA31-1/2	800
CLA32	813
CLA33	838
CLA34	860
CLA35	889
CLA36	914
CLA36-1/2	925
CLA37	940
CLA38	965
CLA39	992
CLA39-1/2	1000
CLA40	1016
CLA40-1/2	1030
CLA41	1041
CLA42	1067
CLA43	1100
CLA44	1120
CLA45	1143
CLA46	1168
CLA47	1200
CLA47-1/2	1210
CLA48	1220
CLA49	1250
CLA50	1270
CLA51	1300
CLA52	1320
CLA53	1346
CLA54	1372
CLA55	1400
CLA56	1422
CLA57	1450
CLA58	1475
CLA59	1500
CLA60	1525
CLA61	1550
CLA62	1575
CLA63	1600
CLA64	1625
CLA65	1650
CLA66	1676
CLA67	1700
CLA68	1725
CLA69	1750
CLA70	1775
CLA71	1800

EXCELITE® ES - A	
Part number	Inside length (Li) [mm]
CLA72	1825
CLA73	1854
CLA74	1880
CLA75	1900
CLA76	1930
CLA77	1956
CLA78	1980
CLA79	2000
CLA80	2032
CLA81	2060
CLA82	2083
CLA83	2100
CLA84	2134
CLA85	2160
CLA86	2187
CLA87	2210
CLA88	2240
CLA89	2261
CLA90	2286
CLA91	2311
CLA92	2337
CLA93	2360
CLA94	2388
CLA95	2413
CLA96	2438
CLA97	2464
CLA98	2500
CLA99	2520
CLA100	2540
CLA102	2591
CLA103	2620
CLA104	2650
CLA105	2667
CLA107	2725
CLA108	2743
CLA109	2770
CLA110	2800
CLA112	2845
CLA113	2870
CLA114	2896
CLA115	2920
CLA116	2946
CLA117	2970
CLA118	3000
CLA120	3048
CLA124	3150
CLA128	3250
CLA136	3454
CLA144	3658
CLA173	4394
CLA177	4500
CLA210	5334

**EXCELITE® ES - B**

Part number	Inside length (Li) [mm]
CLB23	585
CLB24	615
CLB25	630
CLB26	655
CLB27	686
CLB28	710
CLB29	737
CLB30	760
CLB31	787
CLB32	810
CLB33	840
CLB34	865
CLB35	889
CLB35-1/2	905
CLB36	917
CLB37	940
CLB38	965
CLB38-1/2	975
CLB39	990
CLB39-1/2	1000
CLB40	1016
CLB41	1040
CLB42	1067
CLB43	1090
CLB43-1/4	1100
CLB44	1120
CLB45	1150
CLB46	1175
CLB47	1200
CLB47-1/4	1205
CLB48	1225
CLB49	1250
CLB50	1270
CLB51	1300
CLB52	1320
CLB53	1350
CLB54	1372
CLB55	1400
CLB56	1422
CLB57	1450
CLB58	1473
CLB59	1500
CLB60	1525
CLB61	1550
CLB62	1575
CLB63	1600
CLB64	1625
CLB65	1650
CLB66	1676
CLB67	1700
CLB68	1725
CLB69	1750
CLB70	1775
CLB71	1800
CLB72	1829
CLB73	1850
CLB74	1880
CLB75	1900
CLB76	1930
CLB77	1950
CLB78	1981
CLB79	2000
CLB80	2032

**EXCELITE® ES - B**

Part number	Inside length (Li) [mm]
CLB81	2060
CLB82	2083
CLB83	2100
CLB84	2134
CLB85	2160
CLB86	2185
CLB87	2210
CLB88	2240
CLB89	2261
CLB90	2286
CLB91	2300
CLB92	2337
CLB93	2360
CLB94	2388
CLB95	2413
CLB96	2438
CLB97	2465
CLB98	2500
CLB99	2515
CLB100	2540
CLB101	2565
CLB102	2600
CLB103	2616
CLB104	2650
CLB105	2667
CLB106	2700
CLB107	2718
CLB108	2750
CLB109	2760
CLB110	2800
CLB112	2845
CLB112-1/2	2857
CLB114	2900
CLB115	2921
CLB116	2950
CLB117	2972
CLB118	3000
CLB120	3048
CLB124	3150
CLB126	3200
CLB127	3227
CLB128	3250
CLB130	3302
CLB131	3327
CLB132	3350
CLB133	3378
CLB134	3404
CLB135	3429
CLB136	3450
CLB138	3505
CLB140	3550
CLB142	3600
CLB144	3658
CLB146	3700
CLB147	3737
CLB148	3750
CLB150	3810
CLB151	3850
CLB152	3861
CLB154	3912
CLB156	3962
CLB157	3988
CLB158	4000

**EXCELITE® ES - B**

Part number	Inside length (Li) [mm]
CLB162	4115
CLB165	4200
CLB173	4394
CLB180	4572
CLB195	4953
CLB204	5182
CLB208	5300
CLB210	5334
CLB221	5610
CLB223	5650
CLB240	6096
CLB270	6850
CLB300	7620

**EXCELITE® ES - C**

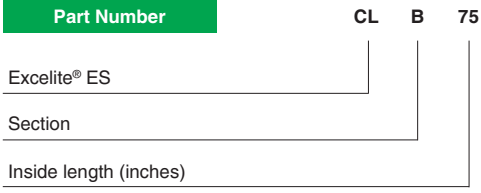
Part number	Inside length (Li) [mm]
CLC43	1090
CLC45	1150
CLC46	1168
CLC47	1200
CLC48	1215
CLC49	1250
CLC50	1270
CLC51	1295
CLC52	1320
CLC53	1350
CLC54	1375
CLC55	1400
CLC56	1425
CLC57	1450
CLC58	1475
CLC59	1500
CLC60	1524
CLC61	1550
CLC62	1574
CLC63	1600
CLC65	1650
CLC66	1676
CLC67	1700
CLC68	1727
CLC69	1750
CLC70	1778
CLC72	1829
CLC73	1854
CLC74	1880
CLC75	1900
CLC76	1930
CLC78	1981
CLC79	2000
CLC80	2032
CLC81	2062
CLC82	2080
CLC83	2108
CLC84	2134
CLC85	2159
CLC87	2210
CLC88	2240
CLC89	2261
CLC90	2286
CLC91	2300
CLC92	2337
CLC93	2360
CLC95	2413
CLC96	2438
CLC97	2464
CLC98	2500
CLC99	2525
CLC100	2540
CLC101	2560
CLC102	2591
CLC103	2615
CLC104	2642
CLC105	2667
CLC106	2692
CLC108	2750
CLC109	2770
CLC110	2800
CLC112	2845
CLC112-1/2	2858

**EXCELITE® ES - C**

Part number	Inside length (Li) [mm]
CLC114	2896
CLC115	2921
CLC116	2950
CLC118	3000
CLC120	3048
CLC124	3150
CLC125	3175
CLC126	3200
CLC128	3250
CLC130	3302
CLC132	3350
CLC134	3404
CLC136	3450
CLC138	3505
CLC140	3550
CLC142	3607
CLC144	3658
CLC147	3734
CLC148	3750
CLC150	3810
CLC152	3860
CLC153	3900
CLC154	3912
CLC158	4000
CLC160	4064
CLC162	4115
CLC166	4216
CLC173	4394
CLC180	4572
CLC187	4750
CLC190	4826
CLC195	4953
CLC210	5334
CLC220	5600
CLC225	5715
CLC240	6096
CLC248	6300
CLC270	6850
CLC330	8382

**EXCELITE® ES - D**

Part number	Inside length (Li) [mm]
CLD104	2650
CLD118	3000
CLD120	3048
CLD144	3658
CLD167	4250
CLD195	4953
CLD354	9000



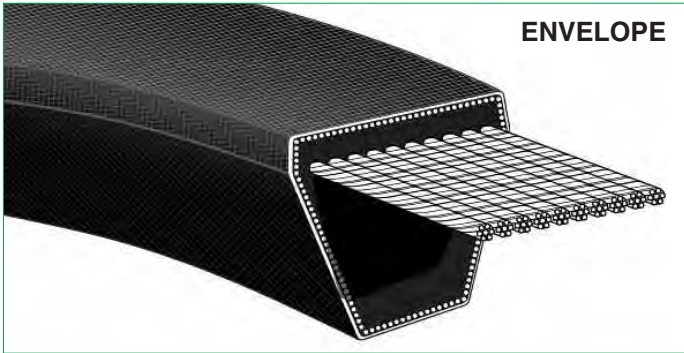


# SIT EXCELITE® ES - Narrow (ISO) - CLSP



Performance index

**SPZ - SPA - SPB - SPC**



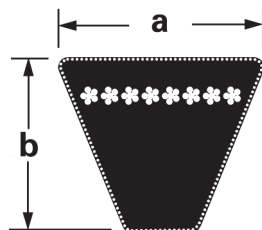
**SIT EXCELITE® ES** - Narrow V-Belts are manufactured in accordance with ISO 4184 and DIN 7753.

Our high performance narrow v-belts have been specially designed for heavy-duty applications to deliver up to 50% more power than classical v-belts. This enables these belts to be used in many kinds of industrial or agricultural fields such as compressor, fans, pumps and other heavy-duty equipment.

Due to the transversal polychloroplene layer and to the special treated polyester cords, higher dynamic loads, flexibility and low stretch are guaranteed.

### Belt dimensions

Section	a [mm]	b [mm]
<b>SPZ</b>	10	8
<b>SPA</b>	13	10
<b>SPB</b>	16	13
<b>SPC</b>	22	18



### Precision Matched

Length tolerances obtained by the Precision Matched System are tighter compared to that prescribed by ISO 4184

### APPLICATIONS

EXCELITE® ES - narrow belts for compact, high power drives and high shock loading. For designing compact, heavy-duty drives where space limitation is a factor.

- Compressors
- Industrial fans
- Textile machines
- Woodworking machines
- Construction equipment
- Mills
- Mixers

### KEY FEATURES & BENEFITS

- Good ozone and sunlight resistance
- Good oil resistance
- Temperature: -40/+70 °C
- Static conductive (ISO 1813)
- Constant length (ISO specification)
- Raw edge construction up to 3000 mm
- Good resistance to dust and against other external agents
- Precision Matched

### BELT MATERIAL

- Tensile members: Polyester
- Compound rubber: fiber loaded rubber
- Wrapping cover: heavy-duty industrial fabric (high abrasion resistance)



V-BELTS - CLSP

SIT have a complete stock of pulleys for all belts.

## Available sizes

EXCELITE® ES - SPZ	
Part number	Datum length (Ld) [mm]
CLSPZ487	487
CLSPZ562	562
CLSPZ612	612
CLSPZ630	630
CLSPZ637	637
CLSPZ662	662
CLSPZ670	670
CLSPZ687	687
CLSPZ722	722
CLSPZ737	737
CLSPZ750	750
CLSPZ762	762
CLSPZ772	772
CLSPZ787	787
CLSPZ800	800
CLSPZ812	812
CLSPZ825	825
CLSPZ837	837
CLSPZ850	850
CLSPZ862	862
CLSPZ875	875
CLSPZ887	887
CLSPZ900	900
CLSPZ912	912
CLSPZ925	925
CLSPZ937	937
CLSPZ950	950
CLSPZ962	962
CLSPZ987	987
CLSPZ1000	1000
CLSPZ1012	1012
CLSPZ1024	1024
CLSPZ1037	1037
CLSPZ1047	1047
CLSPZ1060	1060
CLSPZ1077	1077
CLSPZ1087	1087
CLSPZ1112	1112
CLSPZ1120	1120
CLSPZ1137	1137
CLSPZ1162	1162
CLSPZ1180	1180
CLSPZ1187	1187
CLSPZ1202	1202
CLSPZ1212	1212
CLSPZ1237	1237
CLSPZ1250	1250
CLSPZ1262	1262
CLSPZ1287	1287
CLSPZ1312	1312
CLSPZ1320	1320
CLSPZ1337	1337
CLSPZ1347	1347
CLSPZ1362	1362
CLSPZ1387	1387
CLSPZ1400	1400
CLSPZ1412	1412
CLSPZ1437	1437
CLSPZ1462	1462
CLSPZ1487	1487
CLSPZ1500	1500
CLSPZ1512	1512
CLSPZ1537	1537

EXCELITE® ES - SPZ	
Part number	Datum length (Ld) [mm]
CLSPZ1562	1562
CLSPZ1587	1587
CLSPZ1600	1600
CLSPZ1612	1612
CLSPZ1637	1637
CLSPZ1650	1650
CLSPZ1662	1662
CLSPZ1687	1687
CLSPZ1700	1700
CLSPZ1737	1737
CLSPZ1762	1762
CLSPZ1787	1787
CLSPZ1800	1800
CLSPZ1812	1812
CLSPZ1837	1837
CLSPZ1850	1850
CLSPZ1862	1862
CLSPZ1887	1887
CLSPZ1900	1900
CLSPZ1937	1937
CLSPZ1987	1987
CLSPZ2000	2000
CLSPZ2030	2030
CLSPZ2037	2037
CLSPZ2060	2060
CLSPZ2087	2087
CLSPZ2120	2120
CLSPZ2137	2137
CLSPZ2160	2160
CLSPZ2187	2187
CLSPZ2240	2240
CLSPZ2280	2280
CLSPZ2287	2287
CLSPZ2300	2300
CLSPZ2360	2360
CLSPZ2410	2410
CLSPZ2450	2450
CLSPZ2500	2500
CLSPZ2650	2650
CLSPZ2800	2800
CLSPZ3000	3000
CLSPZ3150	3150
CLSPZ3350	3350

EXCELITE® ES - SPA	
Part number	Datum length (Ld) [mm]
CLSPA732	732
CLSPA757	757
CLSPA782	782
CLSPA800	800
CLSPA807	807
CLSPA832	832
CLSPA850	850
CLSPA857	857
CLSPA882	882
CLSPA900	900
CLSPA907	907
CLSPA932	932
CLSPA950	950
CLSPA957	957
CLSPA982	982
CLSPA1000	1000
CLSPA1007	1007
CLSPA1032	1032
CLSPA1060	1060
CLSPA1082	1082
CLSPA1107	1107
CLSPA1120	1120
CLSPA1132	1132
CLSPA1157	1157
CLSPA1180	1180
CLSPA1207	1207
CLSPA1232	1232
CLSPA1250	1250
CLSPA1257	1257
CLSPA1272	1272
CLSPA1282	1282
CLSPA1307	1307
CLSPA1320	1320
CLSPA1332	1332
CLSPA1357	1357
CLSPA1382	1382
CLSPA1400	1400
CLSPA1407	1407
CLSPA1432	1432
CLSPA1457	1457
CLSPA1482	1482
CLSPA1500	1500
CLSPA1507	1507
CLSPA1532	1532
CLSPA1557	1557
CLSPA1582	1582
CLSPA1600	1600
CLSPA1607	1607
CLSPA1632	1632
CLSPA1657	1657
CLSPA1682	1682
CLSPA1700	1700
CLSPA1707	1707
CLSPA1732	1732
CLSPA1757	1757
CLSPA1782	1782
CLSPA1800	1800
CLSPA1807	1807
CLSPA1832	1832
CLSPA1857	1857
CLSPA1882	1882
CLSPA1900	1900
CLSPA1907	1907

EXCELITE® ES - SPA	
Part number	Datum length (Ld) [mm]
CLSPA1932	1932
CLSPA1957	1957
CLSPA1982	1982
CLSPA2000	2000
CLSPA2032	2032
CLSPA2057	2057
CLSPA2082	2082
CLSPA2120	2120
CLSPA2132	2132
CLSPA2182	2182
CLSPA2207	2207
CLSPA2232	2232
CLSPA2240	2240
CLSPA2282	2282
CLSPA2300	2300
CLSPA2307	2307
CLSPA2332	2332
CLSPA2360	2360
CLSPA2382	2382
CLSPA2432	2432
CLSPA2482	2482
CLSPA2500	2500
CLSPA2532	2532
CLSPA2582	2582
CLSPA2607	2607
CLSPA2632	2632
CLSPA2650	2650
CLSPA2682	2682
CLSPA2732	2732
CLSPA2782	2782
CLSPA2800	2800
CLSPA2832	2832
CLSPA2847	2847
CLSPA2882	2882
CLSPA2932	2932
CLSPA2982	2982
CLSPA3000	3000
CLSPA3082	3082
CLSPA3150	3150
CLSPA3182	3182
CLSPA3250	3250
CLSPA3350	3350
CLSPA3382	3382
CLSPA3450	3450
CLSPA3550	3550
CLSPA3750	3750
CLSPA3850	3850
CLSPA4000	4000
CLSPA4500	4500

**EXCELITE® ES - SPB**

Part number	Datum length (Ld) [mm]
CLSPB1175	1175
CLSPB1200	1200
CLSPB1250	1250
CLSPB1320	1320
CLSPB1375	1375
CLSPB1400	1400
CLSPB1450	1450
CLSPB1475	1475
CLSPB1500	1500
CLSPB1545	1545
CLSPB1575	1575
CLSPB1600	1600
CLSPB1625	1625
CLSPB1650	1650
CLSPB1675	1675
CLSPB1700	1700
CLSPB1725	1725
CLSPB1750	1750
CLSPB1775	1775
CLSPB1800	1800
CLSPB1850	1850
CLSPB1875	1875
CLSPB1900	1900
CLSPB1925	1925
CLSPB1950	1950
CLSPB1975	1975
CLSPB2000	2000
CLSPB2020	2020
CLSPB2050	2050
CLSPB2075	2075
CLSPB2100	2100
CLSPB2120	2120
CLSPB2150	2150
CLSPB2175	2175
CLSPB2180	2180
CLSPB2210	2210
CLSPB2240	2240
CLSPB2280	2280
CLSPB2300	2300
CLSPB2325	2325
CLSPB2360	2360
CLSPB2400	2400
CLSPB2425	2425
CLSPB2430	2430
CLSPB2475	2475
CLSPB2500	2500
CLSPB2530	2530
CLSPB2550	2550
CLSPB2575	2575
CLSPB2600	2600
CLSPB2650	2650
CLSPB2680	2680
CLSPB2725	2725
CLSPB2750	2750
CLSPB2775	2775
CLSPB2800	2800
CLSPB2840	2840
CLSPB2850	2850
CLSPB2900	2900
CLSPB2990	2990
CLSPB3000	3000
CLSPB3150	3150
CLSPB3170	3170

**EXCELITE® ES - SPB**

Part number	Datum length (Ld) [mm]
CLSPB3250	3250
CLSPB3270	3270
CLSPB3350	3350
CLSPB3450	3450
CLSPB3500	3500
CLSPB3550	3550
CLSPB3650	3650
CLSPB3750	3750
CLSPB3800	3800
CLSPB4000	4000
CLSPB4250	4250
CLSPB4500	4500
CLSPB4750	4750
CLSPB5000	5000
CLSPB5300	5300
CLSPB5600	5600
CLSPB6000	6000
CLSPB6300	6300
CLSPB6700	6700
CLSPB7100	7100
CLSPB7500	7500
CLSPB8000	8000

**EXCELITE® ES - SPC**

Part number	Datum length (Ld) [mm]
CLSPC2000	2000
CLSPC2120	2120
CLSPC2240	2240
CLSPC2360	2360
CLSPC2500	2500
CLSPC2650	2650
CLSPC2800	2800
CLSPC3000	3000
CLSPC3150	3150
CLSPC3350	3350
CLSPC3550	3550
CLSPC3750	3750
CLSPC4000	4000
CLSPC4250	4250
CLSPC4400	4400
CLSPC4500	4500
CLSPC4750	4750
CLSPC5000	5000
CLSPC5300	5300
CLSPC5600	5600
CLSPC6000	6000
CLSPC6300	6300
CLSPC6700	6700
CLSPC7100	7100
CLSPC7500	7500
CLSPC8000	8000
CLSPC8500	8500
CLSPC9000	9000
CLSPC9500	9500

V-BELTS - CLSP

