PINGXIANG HUSHENG RUBBER PRODUCTS CO.,LTD

SPZ Belt — Specification & Complete Size Chart

Wrapped Metric Narrow V-Belt · Conforms to ISO 4184 · Shusheng Brand

Shusheng

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SPZ Belt — Specification, Materials & Complete Size Chart

1. SPZ Belt Overview

The 9.7 mm compact section for light and medium industrial drives.

The SPZ belt is a wrapped metric narrow V-belt with a 9.7 mm top width and an 8 mm section height. It is the smallest of the SP narrow V-belt family (SPZ, SPA, SPB, SPC), and its 40° wedge seats deep into the sheave groove so that the belt grips with the sidewalls rather than the base — giving more power per millimetre of width than a classical Z-section (10 × 6) belt.

Every SPZ belt in this catalogue is manufactured to conform to the ISO 4184 standard for narrow V-belt drives. The body is chloroprene rubber (CR) with a stretch-resistant polyester tension cord and a wrapped fabric jacket, and the belt is moulded to datum length so that every belt in a multi-belt drive carries an equal share of the load.

This document keeps to the four things a buyer needs: how to read the SPZ belt code (section 2), the complete technical specification (section 3), the materials and construction (section 5), and the full size list from **SPZ-387** to **SPZ-5600** (section 4). Contact and ordering information follows.



Figure 1: A wrapped SPZ narrow V-belt — 9.7 mm top width, 8 mm section height — with the wrapped fabric cover and the anti-static / oil & heat resistant jacket marking on the back.

2. Belt Marking & Code Meaning

How the section, the dimensions and the code on the belt are read.

2.1 Section dimensions

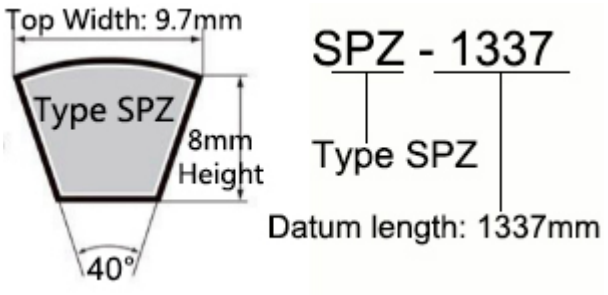


Figure 2: SPZ belt cross-section showing the 9.7 mm top width, the 8 mm section height and the 40° wedge angle, together with the code naming convention (SPZ-1337 = Type SPZ, datum length 1337 mm).

2.2 What the code means

An SPZ belt code is the section prefix **SPZ** followed by the **datum length in millimetres**. The code **SPZ-1337** therefore means a Type SPZ narrow V-belt with a datum length of **1,337 mm**. In the same way, the shortest belt in this catalogue, **SPZ-387**, has a datum length of 387 mm, and the longest, **SPZ-5600**, has a datum length of 5,600 mm.

The number is the datum length — the length measured at the cord line of the belt in accordance with ISO 4184 — not the outside circumference. On the metric SP sections the code is already in millimetres, which is why the size chart in section 4 needs no inch-to-millimetre conversion: every figure is a whole millimetre.

2.3 Marking on the belt

Each belt is moulded with the section prefix, the datum-length code and a production code on the wrapped cover, together with the anti-static, oil-resistant and heat-resistant class markings. A belt that has been in service can therefore be identified and re-ordered without measuring the drive.

2.4 Matched sets

Drives that run more than one belt should be ordered as a matched set. Moulded-to-datum-length belts share the load evenly, whereas one new belt beside worn belts runs tight, takes almost all the tension and fails early — so replace the full set together.

3. Technical Specifications

The values below are the same for every size in the range, from the shortest SPZ-387 to the longest SPZ-5600.

Table 1 SPZ Belt — Technical Specifications

Property	Specification
Profile / Section	SPZ wrapped metric narrow V-belt
Top Width	9.7 mm
Section Height	8 mm
Wedge Angle	40° (included)
Body Compound	Chloroprene rubber (CR)
Tension Member	Stretch-resistant polyester cord
Outer Cover	Wrapped treated fabric jacket
Standard	Conforms to ISO 4184 (SPZ profile, narrow V-belts)
Transmission Efficiency	95%+
Maximum Belt Speed	40 m/s
Operating Temperature	−40 °C to +90 °C
Resistance	Oil, chemical, ozone and anti-static
Datum Length Range	SPZ-387 to SPZ-5600 — 387 mm – 5,600 mm
Minimum Order Quantity	100 pcs per size
Standard Delivery	15–20 days from order confirmation
Indicative Price Range	US$3.99 – US$39.99 per piece (varies by size and quantity)

In plain terms, the SPZ belt has a 9.7 mm top width, an 8 mm section height and a 40° wedge, and runs at up to 40 m/s between −40 °C and +90 °C.

3.1 Reading an SPZ belt code

Three worked examples show how a code maps to the dimensions. **SPZ-387** has a datum length of 387 mm, **SPZ-1337** has a datum length of 1,337 mm, and **SPZ-5600** has a datum length of 5,600 mm; every SPZ belt shares the same 9.7 mm top width and 8 mm section height.

Table 2 Worked examples — how an SPZ belt code reads

Belt Code	Datum Length (mm)	Top Width	Section Height
SPZ-387	387	9.7 mm	8 mm
SPZ-1337	1,337	9.7 mm	8 mm
SPZ-5600	5,600	9.7 mm	8 mm

4. Complete SPZ Size Chart

Table 3 Complete SPZ Belt Size Chart — Part 1 of 2 (SPZ-387 to SPZ-1560)

Belt Code	Datum Length (mm)	Belt Code	Datum Length (mm)	Belt Code	Datum Length (mm)	Belt Code	Datum Length (mm)	Belt Code	Datum Length (mm)	Belt Code	Datum Length (mm)
SPZ-387	387	SPZ-674	674	SPZ-845	845	SPZ-1025	1,025	SPZ-1175	1,175	SPZ-1380	1,380
SPZ-412	412	SPZ-685	685	SPZ-850	850	SPZ-1028	1,028	SPZ-1180	1,180	SPZ-1382	1,382
SPZ-437	437	SPZ-686	686	SPZ-857	857	SPZ-1030	1,030	SPZ-1187	1,187	SPZ-1387	1,387
SPZ-462	462	SPZ-687	687	SPZ-860	860	SPZ-1032	1,032	SPZ-1194	1,194	SPZ-1397	1,397
SPZ-487	487	SPZ-690	690	SPZ-862	862	SPZ-1035	1,035	SPZ-1200	1,200	SPZ-1400	1,400
SPZ-500	500	SPZ-698	698	SPZ-870	870	SPZ-1037	1,037	SPZ-1202	1,202	SPZ-1412	1,412
SPZ-512	512	SPZ-700	700	SPZ-875	875	SPZ-1040	1,040	SPZ-1207	1,207	SPZ-1420	1,420
SPZ-523	523	SPZ-710	710	SPZ-880	880	SPZ-1047	1,047	SPZ-1212	1,212	SPZ-1422	1,422
SPZ-530	530	SPZ-722	722	SPZ-885	885	SPZ-1050	1,050	SPZ-1220	1,220	SPZ-1425	1,425
SPZ-537	537	SPZ-725	725	SPZ-887	887	SPZ-1054	1,054	SPZ-1222	1,222	SPZ-1430	1,430
SPZ-540	540	SPZ-726	726	SPZ-900	900	SPZ-1057	1,057	SPZ-1225	1,225	SPZ-1432	1,432
SPZ-549	549	SPZ-730	730	SPZ-910	910	SPZ-1060	1,060	SPZ-1237	1,237	SPZ-1437	1,437
SPZ-560	560	SPZ-735	735	SPZ-912	912	SPZ-1067	1,067	SPZ-1250	1,250	SPZ-1448	1,448
SPZ-562	562	SPZ-737	737	SPZ-925	925	SPZ-1075	1,075	SPZ-1257	1,257	SPZ-1450	1,450
SPZ-574	574	SPZ-747	747	SPZ-927	927	SPZ-1077	1,077	SPZ-1260	1,260	SPZ-1462	1,462
SPZ-575	575	SPZ-750	750	SPZ-935	935	SPZ-1080	1,080	SPZ-1262	1,262	SPZ-1470	1,470
SPZ-585	585	SPZ-760	760	SPZ-937	937	SPZ-1087	1,087	SPZ-1270	1,270	SPZ-1473	1,473
SPZ-587	587	SPZ-762	762	SPZ-940	940	SPZ-1090	1,090	SPZ-1275	1,275	SPZ-1474	1,474
SPZ-597	597	SPZ-772	772	SPZ-950	950	SPZ-1100	1,100	SPZ-1282	1,282	SPZ-1475	1,475
SPZ-600	600	SPZ-774	774	SPZ-953	953	SPZ-1107	1,107	SPZ-1287	1,287	SPZ-1478	1,478
SPZ-612	612	SPZ-775	775	SPZ-960	960	SPZ-1110	1,110	SPZ-1300	1,300	SPZ-1487	1,487
SPZ-621	621	SPZ-785	785	SPZ-962	962	SPZ-1112	1,112	SPZ-1312	1,312	SPZ-1498	1,498
SPZ-624	624	SPZ-787	787	SPZ-975	975	SPZ-1120	1,120	SPZ-1320	1,320	SPZ-1500	1,500
SPZ-625	625	SPZ-800	800	SPZ-977	977	SPZ-1125	1,125	SPZ-1325	1,325	SPZ-1512	1,512
SPZ-630	630	SPZ-810	810	SPZ-985	985	SPZ-1127	1,127	SPZ-1327	1,327	SPZ-1520	1,520
SPZ-637	637	SPZ-812	812	SPZ-987	987	SPZ-1130	1,130	SPZ-1337	1,337	SPZ-1524	1,524
SPZ-647	647	SPZ-820	820	SPZ-1000	1,000	SPZ-1137	1,137	SPZ-1340	1,340	SPZ-1525	1,525
SPZ-650	650	SPZ-822	822	SPZ-1005	1,005	SPZ-1140	1,140	SPZ-1346	1,346	SPZ-1532	1,532
SPZ-655	655	SPZ-825	825	SPZ-1010	1,010	SPZ-1150	1,150	SPZ-1347	1,347	SPZ-1537	1,537
SPZ-660	660	SPZ-832	832	SPZ-1012	1,012	SPZ-1157	1,157	SPZ-1350	1,350	SPZ-1549	1,549
SPZ-662	662	SPZ-835	835	SPZ-1016	1,016	SPZ-1160	1,160	SPZ-1360	1,360	SPZ-1550	1,550
SPZ-665	665	SPZ-837	837	SPZ-1020	1,020	SPZ-1162	1,162	SPZ-1362	1,362	SPZ-1557	1,557
SPZ-670	670	SPZ-838	838	SPZ-1024	1,024	SPZ-1167	1,167	SPZ-1375	1,375	SPZ-1560	1,560

Table 4 Complete SPZ Belt Size Chart — Part 2 of 2 (SPZ-1562 to SPZ-5600)

Belt Code	Datum Length (mm)	Belt Code	Datum Length (mm)	Belt Code	Datum Length (mm)	Belt Code	Datum Length (mm)	Belt Code	Datum Length (mm)	Belt Code	Datum Length (mm)
SPZ-1562	1,562	SPZ-1824	1,824	SPZ-2082	2,082	SPZ-2287	2,287	SPZ-2737	2,737	SPZ-3350	3,350
SPZ-1570	1,570	SPZ-1829	1,829	SPZ-2087	2,087	SPZ-2298	2,298	SPZ-2750	2,750	SPZ-3370	3,370
SPZ-1575	1,575	SPZ-1830	1,830	SPZ-2095	2,095	SPZ-2300	2,300	SPZ-2760	2,760	SPZ-3450	3,450
SPZ-1587	1,587	SPZ-1837	1,837	SPZ-2099	2,099	SPZ-2337	2,337	SPZ-2787	2,787	SPZ-3500	3,500
SPZ-1600	1,600	SPZ-1850	1,850	SPZ-2100	2,100	SPZ-2347	2,347	SPZ-2794	2,794	SPZ-3537	3,537
SPZ-1612	1,612	SPZ-1854	1,854	SPZ-2107	2,107	SPZ-2360	2,360	SPZ-2800	2,800	SPZ-3550	3,550
SPZ-1617	1,617	SPZ-1862	1,862	SPZ-2108	2,108	SPZ-2362	2,362	SPZ-2807	2,807	SPZ-3568	3,568
SPZ-1622	1,622	SPZ-1879	1,879	SPZ-2110	2,110	SPZ-2387	2,387	SPZ-2832	2,832	SPZ-3594	3,594
SPZ-1624	1,624	SPZ-1880	1,880	SPZ-2120	2,120	SPZ-2400	2,400	SPZ-2840	2,840	SPZ-3619	3,619
SPZ-1626	1,626	SPZ-1887	1,887	SPZ-2132	2,132	SPZ-2410	2,410	SPZ-2845	2,845	SPZ-3645	3,645
SPZ-1632	1,632	SPZ-1897	1,897	SPZ-2134	2,134	SPZ-2413	2,413	SPZ-2870	2,870	SPZ-3660	3,660
SPZ-1637	1,637	SPZ-1900	1,900	SPZ-2137	2,137	SPZ-2437	2,437	SPZ-2900	2,900	SPZ-3670	3,670
SPZ-1650	1,650	SPZ-1905	1,905	SPZ-2146	2,146	SPZ-2450	2,450	SPZ-2984	2,984	SPZ-3683	3,683
SPZ-1651	1,651	SPZ-1912	1,912	SPZ-2147	2,147	SPZ-2487	2,487	SPZ-2985	2,985	SPZ-3695	3,695
SPZ-1662	1,662	SPZ-1930	1,930	SPZ-2150	2,150	SPZ-2489	2,489	SPZ-2997	2,997	SPZ-3721	3,721
SPZ-1675	1,675	SPZ-1932	1,932	SPZ-2157	2,157	SPZ-2500	2,500	SPZ-3000	3,000	SPZ-3746	3,746
SPZ-1676	1,676	SPZ-1937	1,937	SPZ-2159	2,159	SPZ-2527	2,527	SPZ-3050	3,050	SPZ-3750	3,750
SPZ-1682	1,682	SPZ-1950	1,950	SPZ-2160	2,160	SPZ-2540	2,540	SPZ-3070	3,070	SPZ-3772	3,772
SPZ-1687	1,687	SPZ-1956	1,956	SPZ-2174	2,174	SPZ-2580	2,580	SPZ-3080	3,080	SPZ-3797	3,797
SPZ-1689	1,689	SPZ-1957	1,957	SPZ-2187	2,187	SPZ-2587	2,587	SPZ-3091	3,091	SPZ-3822	3,822
SPZ-1700	1,700	SPZ-1962	1,962	SPZ-2200	2,200	SPZ-2600	2,600	SPZ-3099	3,099	SPZ-3848	3,848
SPZ-1712	1,712	SPZ-1968	1,968	SPZ-2210	2,210	SPZ-2637	2,637	SPZ-3100	3,100	SPZ-3873	3,873
SPZ-1717	1,717	SPZ-1974	1,974	SPZ-2222	2,222	SPZ-2650	2,650	SPZ-3124	3,124	SPZ-3899	3,899
SPZ-1724	1,724	SPZ-1980	1,980	SPZ-2227	2,227	SPZ-2670	2,670	SPZ-3137	3,137	SPZ-3924	3,924
SPZ-1725	1,725	SPZ-1987	1,987	SPZ-2234	2,234	SPZ-2677	2,677	SPZ-3150	3,150	SPZ-3949	3,949
SPZ-1727	1,727	SPZ-2000	2,000	SPZ-2235	2,235	SPZ-2679	2,679	SPZ-3162	3,162	SPZ-3975	3,975
SPZ-1737	1,737	SPZ-2020	2,020	SPZ-2240	2,240	SPZ-2687	2,687	SPZ-3170	3,170	SPZ-4000	4,000
SPZ-1750	1,750	SPZ-2030	2,030	SPZ-2250	2,250	SPZ-2690	2,690	SPZ-3175	3,175	SPZ-4250	4,250
SPZ-1762	1,762	SPZ-2032	2,032	SPZ-2256	2,256	SPZ-2692	2,692	SPZ-3200	3,200	SPZ-4318	4,318
SPZ-1782	1,782	SPZ-2037	2,037	SPZ-2260	2,260	SPZ-2700	2,700	SPZ-3250	3,250	SPZ-4500	4,500
SPZ-1787	1,787	SPZ-2050	2,050	SPZ-2262	2,262	SPZ-2710	2,710	SPZ-3300	3,300	SPZ-4699	4,699
SPZ-1800	1,800	SPZ-2060	2,060	SPZ-2273	2,273	SPZ-2712	2,712	SPZ-3337	3,337	SPZ-5200	5,200
SPZ-1812	1,812	SPZ-2080	2,080	SPZ-2280	2,280	SPZ-2720	2,720	SPZ-3340	3,340	SPZ-5600	5,600

Every size in the range — 396 belt codes from SPZ-387 to SPZ-5600 — is listed above with its datum length in whole millimetres: the figure after SPZ gives the datum length directly, measured at the cord line in accordance with ISO 4184, with no inch-to-millimetre conversion and no decimal place. SPZ-387 is the shortest belt listed, at 387 mm, and SPZ-5600 is the longest, at 5,600 mm. Every size in the chart is available to order, and lengths outside the range are supplied as custom items.

> All SPZ belts in this catalogue conform to the ISO 4184 standard for narrow V-belt drives, which fixes the section dimensions and length tolerances.

Download the SPZ Belt Specification PDF from the product page: https://drive-belt.com/v-belts/spz-belt

5. Materials & Construction

5.1 Tension member

Stretch-resistant polyester cords give the SPZ belt its tensile strength with very low elongation under load, and stay bonded to the rubber body so the belt does not run slack after break-in.

5.2 Body compound and outer cover

The compression section is chloroprene rubber (CR), giving heat, cold, oil, chemical, ozone and anti-static resistance, and a treated fabric jacket is wrapped around the full belt to protect the sidewalls and keep the drive gripping.

5.3 Applications

The SPZ belt drives small motors, fans, pumps, compressors, textile machines and light industrial equipment.

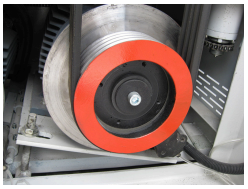


Figure 3: An SPZ belt running on a sheave and electric motor — the compact 9.7 mm × 8 mm section fits light and medium drives that cannot carry a wider SPA or SPB belt.

6. Contact & Ordering Information

Send the belt code and quantity; we will confirm stock and ship within 15–20 days.

Company: Pingxiang Husheng Rubber Products Co.,Ltd · **Brand:** Shusheng
Website: https://drive-belt.com · **SPZ Belt page:** https://drive-belt.com/v-belts/spz-belt
Email: panhusheng@zohomail.cn
Tel / WhatsApp: +86 151 0799 3145
Address: No. 132 Xihuan Road, Anyuan District, Pingxiang City, Jiangxi Province, China

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