PINGXIANG HUSHENG RUBBER PRODUCTS CO.,LTD

SPC Belt (22N) — Specification & Complete Size Chart

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

Shusheng

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SPC Belt (22N) — Specification, Materials & Complete Size Chart

1. SPC Belt Overview

The largest section of the narrow V-belt family, built to carry the heaviest load in the tightest frame.

The SPC belt, also designated 22N, is a wrapped metric narrow V-belt with a 22 mm top width and an 18 mm section height. It is the largest section of the SP narrow V-belt family (SPZ, SPA, SPB, SPC), and the 40° wedge sinks deep into the sheave groove so it develops more grip per millimetre of belt width than a classical V-belt — a drive that would need two classical D belts can often be handled by one SPC.

Every SPC belt in this catalogue is manufactured to conform to the ISO 4184 standard for narrow V-belt drives (SPC / 22N profile). The body is chloroprene rubber (CR) with a high-tenacity 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 SPC belt code (section 2), the complete technical specification (section 3), the materials and construction (section 5), and the full size list from **SPC-1350** to **SPC-14000** (section 4). Contact and ordering information follows.



Figure 1: A wrapped SPC (22N) narrow V-belt — 22 mm top width, 18 mm section height — with the moulded SPC 2500 code and the anti-static / oil & heat resistant jacket marking on the cover.

2. Belt Marking & Code Meaning

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

a matching SPC groove.

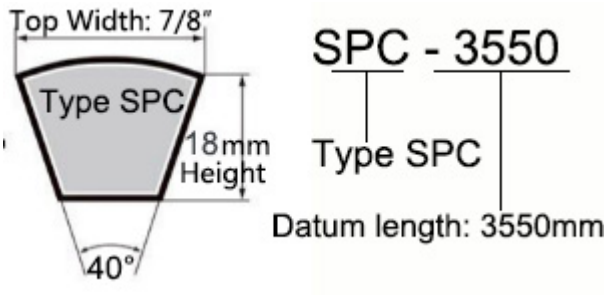


Figure 2: SPC (22N) belt cross-section showing the 22 mm top width, the 18 mm section height and the 40° wedge angle, together with the code naming convention (SPC-3550 = Type SPC, datum length 3550 mm).

2.2 What the code means

An SPC belt code is the section prefix **SPC** followed by the **datum length in millimetres**. The code **SPC-3550** therefore means a Type SPC (22N) narrow V-belt with a datum length of **3550 mm**. In the same way, the shortest belt in this catalogue, **SPC-1350**, has a datum length of 1350 mm, and the longest, **SPC-14000**, has a datum length of 14000 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. The example belt shown above carries the code SPC 2500 together with the anti-static / oil & heat resistant jacket marking.

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 SPC-1350 to the longest SPC-14000.

Table 1 SPC (22N) Belt — Technical Specifications

Property	Specification
Profile / Section	SPC (22N) wrapped metric narrow V-belt
Top Width	22 mm (7/8 in)
Section Height	18 mm
Wedge Angle	40° (included)
Body Compound	Chloroprene rubber (CR)
Tension Member	High-tenacity polyester cord
Outer Cover	Wrapped treated fabric jacket
Standard	Conforms to ISO 4184 (SPC / 22N 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	SPC-1350 to SPC-14000 — 1,350 mm – 14,000 mm
Minimum Order Quantity	20 pcs per size
Standard Delivery	15–20 days from order confirmation
Indicative Price Range	US$21.99 – US$171.36 per piece (varies by size and quantity)

In plain terms, the SPC belt has a 22 mm top width, an 18 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 SPC belt code

Three worked examples show how a code maps to the dimensions. **SPC-1350** has a datum length of 1,350 mm, **SPC-3550** has a datum length of 3,550 mm, and **SPC-14000** has a datum length of 14,000 mm; every SPC belt shares the same 22 mm top width and 18 mm section height.

Table 2 Worked examples — how an SPC belt code reads

Belt Code	Datum Length (mm)	Top Width	Section Height
SPC-1350	1,350	22 mm	18 mm
SPC-3550	3,550	22 mm	18 mm
SPC-14000	14,000	22 mm	18 mm

4. Complete SPC Size Chart

Table 3 Complete SPC (22N) Belt Size Chart — Part 1 of 2 (SPC-1350 to SPC-4191)

Belt Code	Datum Length (mm)	Belt Code	Datum Length (mm)	Belt Code	Datum Length (mm)	Belt Code	Datum Length (mm)
SPC-1350	1350	SPC-2350	2350	SPC-2850	2850	SPC-3520	3520
SPC-1500	1500	SPC-2360	2360	SPC-2870	2870	SPC-3526	3526
SPC-1600	1600	SPC-2362	2362	SPC-2875	2875	SPC-3540	3540
SPC-1700	1700	SPC-2370	2370	SPC-2880	2880	SPC-3550	3550
SPC-1770	1770	SPC-2388	2388	SPC-2890	2890	SPC-3556	3556
SPC-1800	1800	SPC-2400	2400	SPC-2900	2900	SPC-3570	3570
SPC-1830	1830	SPC-2413	2413	SPC-2910	2910	SPC-3580	3580
SPC-1850	1850	SPC-2420	2420	SPC-2920	2920	SPC-3600	3600
SPC-1870	1870	SPC-2425	2425	SPC-2921	2921	SPC-3620	3620
SPC-1875	1875	SPC-2430	2430	SPC-2930	2930	SPC-3650	3650
SPC-1900	1900	SPC-2450	2450	SPC-2940	2940	SPC-3660	3660
SPC-1920	1920	SPC-2464	2464	SPC-2946	2946	SPC-3670	3670
SPC-1950	1950	SPC-2470	2470	SPC-2950	2950	SPC-3690	3690
SPC-1970	1970	SPC-2480	2480	SPC-2970	2970	SPC-3700	3700
SPC-1980	1980	SPC-2490	2490	SPC-2980	2980	SPC-3708	3708
SPC-2000	2000	SPC-2500	2500	SPC-3000	3000	SPC-3720	3720
SPC-2014	2014	SPC-2510	2510	SPC-3008	3008	SPC-3728	3728
SPC-2020	2020	SPC-2515	2515	SPC-3020	3020	SPC-3750	3750
SPC-2030	2030	SPC-2530	2530	SPC-3048	3048	SPC-3759	3759
SPC-2032	2032	SPC-2540	2540	SPC-3050	3050	SPC-3770	3770
SPC-2040	2040	SPC-2550	2550	SPC-3070	3070	SPC-3780	3780
SPC-2050	2050	SPC-2565	2565	SPC-3080	3080	SPC-3800	3800
SPC-2060	2060	SPC-2570	2570	SPC-3099	3099	SPC-3810	3810
SPC-2070	2070	SPC-2580	2580	SPC-3100	3100	SPC-3820	3820
SPC-2083	2083	SPC-2600	2600	SPC-3120	3120	SPC-3850	3850
SPC-2090	2090	SPC-2616	2616	SPC-3150	3150	SPC-3860	3860
SPC-2100	2100	SPC-2620	2620	SPC-3170	3170	SPC-3870	3870
SPC-2108	2108	SPC-2637	2637	SPC-3175	3175	SPC-3880	3880
SPC-2120	2120	SPC-2642	2642	SPC-3180	3180	SPC-3900	3900
SPC-2129	2129	SPC-2650	2650	SPC-3200	3200	SPC-3920	3920
SPC-2150	2150	SPC-2662	2662	SPC-3220	3220	SPC-3932	3932
SPC-2159	2159	SPC-2667	2667	SPC-3250	3250	SPC-3950	3950
SPC-2160	2160	SPC-2670	2670	SPC-3270	3270	SPC-3960	3960
SPC-2170	2170	SPC-2700	2700	SPC-3275	3275	SPC-3970	3970
SPC-2180	2180	SPC-2718	2718	SPC-3300	3300	SPC-3983	3983
SPC-2184	2184	SPC-2720	2720	SPC-3320	3320	SPC-3990	3990
SPC-2200	2200	SPC-2743	2743	SPC-3323	3323	SPC-4000	4000
SPC-2205	2205	SPC-2750	2750	SPC-3350	3350	SPC-4013	4013
SPC-2210	2210	SPC-2768	2768	SPC-3370	3370	SPC-4030	4030
SPC-2240	2240	SPC-2770	2770	SPC-3380	3380	SPC-4050	4050
SPC-2250	2250	SPC-2794	2794	SPC-3400	3400	SPC-4060	4060
SPC-2260	2260	SPC-2800	2800	SPC-3420	3420	SPC-4070	4070
SPC-2270	2270	SPC-2810	2810	SPC-3430	3430	SPC-4100	4100
SPC-2280	2280	SPC-2815	2815	SPC-3450	3450	SPC-4120	4120
SPC-2300	2300	SPC-2820	2820	SPC-3470	3470	SPC-4140	4140
SPC-2310	2310	SPC-2830	2830	SPC-3475	3475	SPC-4150	4150
SPC-2330	2330	SPC-2840	2840	SPC-3500	3500	SPC-4170	4170
SPC-2335	2335	SPC-2845	2845	SPC-3505	3505	SPC-4191	4191

Table 4 Complete SPC (22N) Belt Size Chart — Part 2 of 2 (SPC-4200 to SPC-14000)

Belt Code	Datum Length (mm)	Belt Code	Datum Length (mm)	Belt Code	Datum Length (mm)	Belt Code	Datum Length (mm)
SPC-4200	4200	SPC-5030	5030	SPC-6300	6300	SPC-7870	7870
SPC-4220	4220	SPC-5050	5050	SPC-6320	6320	SPC-7970	7970
SPC-4250	4250	SPC-5070	5070	SPC-6350	6350	SPC-7971	7971
SPC-4270	4270	SPC-5080	5080	SPC-6370	6370	SPC-8000	8000
SPC-4290	4290	SPC-5100	5100	SPC-6420	6420	SPC-8070	8070
SPC-4300	4300	SPC-5140	5140	SPC-6450	6450	SPC-8120	8120
SPC-4318	4318	SPC-5150	5150	SPC-6470	6470	SPC-8170	8170
SPC-4320	4320	SPC-5170	5170	SPC-6480	6480	SPC-8200	8200
SPC-4350	4350	SPC-5180	5180	SPC-6500	6500	SPC-8270	8270
SPC-4369	4369	SPC-5200	5200	SPC-6520	6520	SPC-8276	8276
SPC-4370	4370	SPC-5220	5220	SPC-6570	6570	SPC-8350	8350
SPC-4375	4375	SPC-5250	5250	SPC-6600	6600	SPC-8370	8370
SPC-4380	4380	SPC-5270	5270	SPC-6670	6670	SPC-8470	8470
SPC-4394	4394	SPC-5300	5300	SPC-6700	6700	SPC-8500	8500
SPC-4400	4400	SPC-5330	5330	SPC-6720	6720	SPC-8570	8570
SPC-4415	4415	SPC-5334	5334	SPC-6730	6730	SPC-8655	8655
SPC-4420	4420	SPC-5350	5350	SPC-6770	6770	SPC-8670	8670
SPC-4445	4445	SPC-5370	5370	SPC-6800	6800	SPC-8770	8770
SPC-4450	4450	SPC-5385	5385	SPC-6870	6870	SPC-8870	8870
SPC-4460	4460	SPC-5390	5390	SPC-6900	6900	SPC-8970	8970
SPC-4470	4470	SPC-5400	5400	SPC-6920	6920	SPC-9000	9000
SPC-4500	4500	SPC-5420	5420	SPC-6970	6970	SPC-9020	9020
SPC-4530	4530	SPC-5450	5450	SPC-7000	7000	SPC-9070	9070
SPC-4542	4542	SPC-5470	5470	SPC-7070	7070	SPC-9170	9170
SPC-4550	4550	SPC-5482	5482	SPC-7082	7082	SPC-9190	9190
SPC-4570	4570	SPC-5500	5500	SPC-7100	7100	SPC-9270	9270
SPC-4572	4572	SPC-5570	5570	SPC-7112	7112	SPC-9300	9300
SPC-4590	4590	SPC-5588	5588	SPC-7150	7150	SPC-9370	9370
SPC-4600	4600	SPC-5600	5600	SPC-7170	7170	SPC-9470	9470
SPC-4620	4620	SPC-5650	5650	SPC-7200	7200	SPC-9500	9500
SPC-4650	4650	SPC-5670	5670	SPC-7220	7220	SPC-9570	9570
SPC-4670	4670	SPC-5690	5690	SPC-7270	7270	SPC-9670	9670
SPC-4680	4680	SPC-5700	5700	SPC-7300	7300	SPC-9770	9770
SPC-4700	4700	SPC-5720	5720	SPC-7370	7370	SPC-9870	9870
SPC-4720	4720	SPC-5750	5750	SPC-7395	7395	SPC-10000	10000
SPC-4750	4750	SPC-5770	5770	SPC-7400	7400	SPC-10600	10600
SPC-4770	4770	SPC-5790	5790	SPC-7460	7460	SPC-10900	10900
SPC-4800	4800	SPC-5800	5800	SPC-7470	7470	SPC-11200	11200
SPC-4820	4820	SPC-5870	5870	SPC-7500	7500	SPC-11400	11400
SPC-4826	4826	SPC-5900	5900	SPC-7520	7520	SPC-11450	11450
SPC-4830	4830	SPC-5970	5970	SPC-7570	7570	SPC-11800	11800
SPC-4850	4850	SPC-6000	6000	SPC-7590	7590	SPC-12500	12500
SPC-4870	4870	SPC-6070	6070	SPC-7600	7600	SPC-14000	14000
SPC-4900	4900	SPC-6100	6100	SPC-7620	7620		
SPC-4920	4920	SPC-6150	6150	SPC-7670	7670		
SPC-4950	4950	SPC-6170	6170	SPC-7700	7700		
SPC-4970	4970	SPC-6200	6200	SPC-7770	7770		
SPC-5000	5000	SPC-6270	6270	SPC-7800	7800		

Every size in the range — 379 belt codes from SPC-1350 to SPC-14000 — is listed above with its datum length in whole millimetres: the figure after SPC 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. SPC-1350 is the shortest belt listed, at 1,350 mm, and SPC-14000 is the

longest, at 14,000 mm. Every size in the chart is available to order, and lengths outside the range are supplied as custom items.

> All SPC belts in this catalogue conform to the ISO 4184 standard for narrow V-belt drives (SPC / 22N profile), which fixes the section dimensions and length tolerances.

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

5. Materials & Construction

5.1 Tension member

High-tenacity polyester cords give the SPC 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.



Figure 3: Close-up of the wrapped fabric jacket on an SPC (22N) narrow V-belt — the abrasion-resistant cover that protects the sidewalls.

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
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