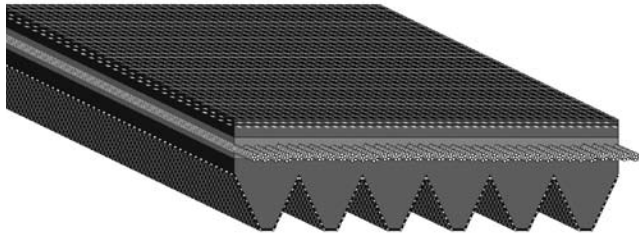




POLY-V



Part No (Metric): 6PJ457
 457 457 mm effective length
 PJ J section Poly-V
 6 6 ribs

Part No (Imperial): 180J6
 180 18.0" effective length
 J J section Poly-V
 6 6 ribs

POLY-V

ONE BELT THAT CAN DO THE WORK OF MANY

The Poly-V belt is a single, endless belt with longitudinal V-shaped ribs that mate perfectly with the V-grooves in the sheaves. It combines the convenience of a thin, one-piece flat belt with the strong gripping traction of multiple V-belts to make the Poly-V belt far better than either for many applications.

ONE CONTINUOUS TENSION MEMBER FOR MATCHLESS PERFORMANCE

To distribute the drive load evenly across the full width of the sheave, the Poly-V belt is built as a single unit with a completely supported, uninterrupted tension member. There is no matching problem. No separate belts to turn over, grab, slip or interfere with each other.

The thin cross section profile allows use of smaller pulleys than standard V-belts, and Poly-V belts handle speed ratios of 40:1.

With all this capacity, the Poly-V belt tracks properly without special guides, flanges, crowns or deep grooves. And it resists seating in the grooves, so speed ratios remain more consistent and output speed remains more uniform.

MORE POWER IN LESS SPACE

Continuous engagement with the sheave driving surface gives you greater power capacity per width. In addition, wasted space between separate V-belts is eliminated and converted into narrower, shallower grooves. These provide substantially greater contact area for stronger and more uniform traction.

APPLICATIONS

For small sheave compact designs requiring limited vibration. Ideal for high-speed ratio drives with short center distances.

- Exercise Equipment
- Automobiles
- Medical Equipment
- Power Equipment
- Farm Equipment
- Machine Tools

KEY FEATURES & BENEFITS

- Multiple V-ribbed profile provides friction and wedge advantages.
- High-grade engineered rubber.
- Strong Vytacord tensile member.
- Oil, heat, ozone and abrasion resistant.
- Static conductive (ISO1813).
- Length tolerances (ISO 9982).

LONGER BELT & SHEAVE LIFE

Complete support of the tension member, combined with full and uniform engagement with the sheave grooves, eliminates differential driving and equalizes belt stresses. That, in turn, minimizes belt elongation and leads to significantly longer flex life.

Even distribution of stress on the belt also reduces differential loading and wear on sheaves. It's not unusual for Poly-V belt sheaves to last significantly longer than standard V-belt sheaves and to experience lower maintenance requirements during this longer life.

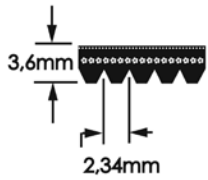
IMPROVE DRIVE DESIGN WHILE YOU REDUCE DRIVE COST

The combination of high-power capacity and low-profile design means the Poly-V drive can improve the drive design while lowering drive costs.

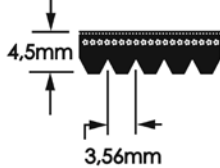
Poly-V belts allow narrower mounting clearances, need less center distance adjustment and require less take-up for tensioning. Additionally, they allow the use of sheaves that are narrower in width and smaller in diameter without sacrificing power capacity. Smaller, narrower sheaves mean a reduction in weight so more of the drive gets to the load for increased efficiency.

POLY-V

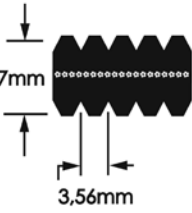
J SECTION



K SECTION

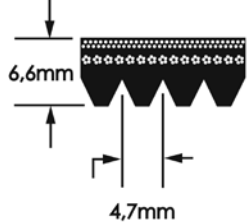


DK SECTION

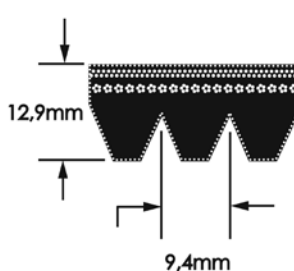


Available on request.

L SECTION



M SECTION



Cut belts available on request.
Goodyear reserves the right to change number of ribs. Please contact Goodyear PTP marketing.

Belt ref. inches	Belt ref. Metric	Sleeve No. Ribs	Belt ref. inches	Belt ref. Metric	Sleeve No. Ribs	Belt ref. inches	Belt ref. Metric	Sleeve No. Ribs
130J	PJ330	200	330J	PJ838	165	550J	PJ1397	165
140J	PJ356	200	340J	PJ864	165	560J	PJ1422	165
150J	PJ381	200	350J	PJ889	165	575J	PJ1461	165
160J	PJ406	200	360J	PJ914	165	580J	PJ1473	165
170J	PJ432	200	376J	PJ955	165	610J	PJ1549	165
180J	PJ457	200	380J	PJ965	165	650J	PJ1651	165
190J	PJ483	200	400J	PJ1016	165	655J	PJ1663	165
200J	PJ508	165	415J	PJ1054	165	690J	PJ1753	165
220J	PJ559	165	430J	PJ1092	165	730J	PJ1854	165
230J	PJ584	165	450J	PJ1143	165	770J	PJ1956	165
240J	PJ610	165	460J	PJ1168	165	785J	PJ1994	165
260J	PJ660	165	470J	PJ1194	165	795J	PJ2019	165
270J	PJ686	165	480J	PJ1219	165	820J	PJ2083	165
280J	PJ711	165	490J	PJ1245	165	870J	PJ2210	165
285J	PJ723	165	500J	PJ1270	165	920J	PJ2337	165
290J	PJ737	165	510J	PJ1295	165	980J	PJ2489	165
300J	PJ762	165	520J	PJ1321	165			
320J	PJ813	165	530J	PJ1346	165			

Belt ref. inches	Belt ref. Metric	Sleeve No. Ribs	Belt ref. inches	Belt ref. Metric	Sleeve No. Ribs	Belt ref. inches	Belt ref. Metric	Sleeve No. Ribs
248K	PK630	108	407K	PK1035	108	669K	PK1700	108
256K	PK650	108	417K	PK1060	108	679K	PK1725	108
266K	PK675	108	425K	PK1080	108	691K	PK1755	108
276K	PK700	108	451K	PK1145	108	709K	PK1800	108
287K	PK730	108	459K	PK1165	108	732K	PK1860	108
297K	PK755	108	472K	PK1200	108	742K	PK1885	108
305K	PK775	108	484K	PK1230	108	748K	PK1900	108
315K	PK800	108	512K	PK1300	108	780K	PK1980	108
327K	PK830	108	526K	PK1335	108	807K	PK2050	108
333K	PK845	108	545K	PK1385	108	819K	PK2080	108
343K	PK870	108	559K	PK1420	108	844K	PK2145	108
348K	PK885	108	575K	PK1460	108	880K	PK2235	108
364K	PK925	108	587K	PK1490	108	917K	PK2330	108
374K	PK950	108	598K	PK1520	108	980K	PK2490	108
382K	PK970	108	612K	PK1555	108	1006K	PK2555	108
394K	PK1000	108	634K	PK1610	108			
400K	PK1015	108	652K	PK1655	108			

Belt ref. inches	Belt ref. Metric	Sleeve No. Ribs	Belt ref. inches	Belt ref. Metric	Sleeve No. Ribs	Belt ref. inches	Belt ref. Metric	Sleeve No. Ribs
375L	PL953	82	710L	PL1803	82	1140L	PL2895	82
390L	PL991	82	725L	PL1842	82	1150L	PL2921	100
423L	PL1074	82	765L	PL1943	82	1180L	PL2997	100
425L	PL1080	82	770L	PL1956	82	1215L	PL3086	68
470L	PL1194	82	780L	PL1981	82	1230L	PL3124	68
500L	PL1270	82	795L	PL2019	82	1295L	PL3289	68
520L	PL1321	82	815L	PL2070	82	1310L	PL3327	68
525L	PL1334	82	825L	PL2096	82	1375L	PL3492	68
540L	PL1372	82	840L	PL2134	82	1455L	PL3696	68
550L	PL1397	82	865L	PL2197	82	1595L	PL4051	68
560L	PL1422	82	880L	PL2235	82	1650L	PL4191	68
565L	PL1435	82	915L	PL2324	82	1760L	PL4470	68
580L	PL1473	82	930L	PL2362	82	1820L	PL4622	68
615L	PL1562	82	975L	PL2477	82	1980L	PL5029	68
635L	PL1613	82	990L	PL2515	82	2120L	PL5385	68
655L	PL1664	82	1065L	PL2705	82	2400L	PL6096	68
675L	PL1715	82	1080L	PL2743	82			
695L	PL1765	82	1120L	PL2845	82			

Belt ref. inches	Belt ref. Metric	Sleeve No. Ribs	Belt ref. inches	Belt ref. Metric	Sleeve No. Ribs	Belt ref. inches	Belt ref. Metric	Sleeve No. Ribs
900M	PM2286	41	1470M	PM3734	33	3310M	PM8408	33
940M	PM2388	48	1610M	PM4089	33	3610M	PM9169	33
990M	PM2515	48	1650M	PM4191	33	3910M	PM9931	45
1060M	PM2693	41	1760M	PM4470	33	4210M	PM10693	45
1115M	PM2832	41	1830M	PM4648	33	4810M	PM12217	45
1150M	PM2921	48	1980M	PM5029	33	5410M	PM13741	45
1185M	PM3010	33	2130M	PM5410	33	6010M	PM15266	45
1230M	PM3124	33	2410M	PM6121	33	6600M	PM16784	45
1310M	PM3327	33	2710M	PM6883	33			
1390M	PM3531	33	3010M	PM7646	33			