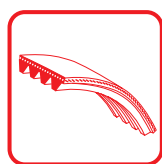


We make it ***possible***



POLY V®

References List for industry



POLY V®



POLY V® THE BELT FOR ALL APPLICATIONS

Poly V® is a power transmission ribbed belt.

It operates from contact between the ribs of the belt and the grooves of the pulley.

Its one piece structure guarantees an even distribution of tension accross the width of the pulley where the belt is on contact.

Feel free to ask for:
Aramid cord
Resistant compounds (to oil, or ozone, or high temperature...)
Special hardness (61, 67, 73 shore A)
Extra thickness overbackings...
Hutchinson can propose rectified belts or matched sets of belts.

- **Versatile**
- **Reliable and high quality power transmission**
- **Silent drive**
- **Reduced cost with lower maintenance**

PROFILES

- **PH**
- **PJ**
- **PK**
- **PL**
- **PM**



POLY V®

Features



Profile..... PH
Rib Pitch..... 1,6 mm
Rib Angle 40°
Belt Thickness ... 2,35 mm
Linear Mass..... 0,004 kg/m/rib

PH PROFILE	
Truncated ribs	
Effective Length	
mm	ins
PH197 *	7,8
PH207 *	8,2
PH222 *	8,7
PH234 *	9,2
PH285 *	11,2
PH307 *	12,1
PH425 *	16,7
PH432 *	17,0
PH457 *	18,0
PH483	19,0
PH529 *	20,8

*** item not available from stock**

Sleeves of 280 ribs. Sleeves widths are subject to change without prior notice.

If you need a specific number of ribs, please ask for it:
 Example: 280PH529 IMPERATIVE

Recommendations for ordering, please ask:

Poly V 6PH529
 6: number of ribs
 PH: profile
 529: effective length in mm



POLY V®

Features



Profile PJ
Rib Pitch 2,34 mm
Rib Angle 40°
Belt Thickness ... 3,3 mm
Linear Mass 0,008 kg/m/rib

PJ PROFILE

Truncated ribs or non truncated ribs

Effective Length	
mm	ins
PJ197 *	7,8
PJ207 *	8,2
PJ234	9,2
PJ254 *	10,0
PJ267 *	10,5
PJ274 *	10,8
PJ305	12,0
PJ330	13,0
PJ356	14,0
PJ381	15,0
PJ406	16,0
PJ432	17,0
PJ457	18,0
PJ483	19,0
PJ508	20,0
PJ533	21,0
PJ559	22,0
PJ584	23,0
PJ610	24,0
PJ635 *	25,0
PJ660	26,0
PJ711	28,0
PJ723	28,5
PJ762	30,0
PJ787	31,0
PJ813	32,0
PJ838	33,0
PJ864	34,0

PJ PROFILE

Truncated ribs or non truncated

Effective Length	
mm	ins
PJ889	35,0
PJ914	36,0
PJ938	36,9
PJ960	37,8
PJ995 *	39,2
PJ1016	40,0
PJ1041 *	41,0
PJ1059	41,7
PJ1080 *	42,5
PJ1092	43,0
PJ1110 *	43,7
PJ1118 *	44,0 NEW !
PJ1126	44,3
PJ1130	44,5
PJ1143 *	45,0
PJ1150	45,3
PJ1168	46,0
PJ1200	47,2
PJ1210 *	47,6 NEW !
PJ1222	48,1
PJ1233	48,5
PJ1244	49,0
PJ1262 *	49,7 NEW !
PJ1270	50,0
PJ1280	50,4
PJ1295 *	51,0
PJ1301	51,2
PJ1315 *	51,8
PJ1321	52,0
PJ1333	52,5
PJ1355	53,3
PJ1372	54,0
PJ1397	55,0
PJ1428	56,2
PJ1473	58,0
PJ1549	61,0
PJ1600	63,0
PJ1651	65,0
PJ1663	65,5

* item not available from stock



POLY V®

PJ PROFILE

Truncated ribs or non truncated

Effective Length	
mm	ins
PJ1752	69,0
PJ1854	73,0
PJ1895 *	74,6
PJ1910	75,2
PJ1956	77,0
PJ1992	78,4
NEW ! PJ2019 *	79,5
PJ2083	82,0
NEW ! PJ2155 *	84,8
PJ2210	87,0
NEW ! PJ2286 *	90,0
PJ2337	92,0
PJ2413 *	95,0
PJ2489	98,0
PJ3154 *	124,2
PJ3500 *	137,8
PJ4000 *	157,5

* item not available from stock

Sleeves of 190 ribs. Sleeves widths are subject to change without prior notice.

If you need a specific number of ribs, please ask for it:

Example: 190PJ1016 IMPERATIVE

Recommendations for ordering, please ask:

Poly V 6PJ1016

6: number of ribs

PJ: profile

1016: effective length in mm



POLY V®

Features



Profile PK
Rib Pitch 3,56 mm
Rib Angle 40°
Belt Thickness ... 4,90 mm
Linear Mass 0,019 kg/m/rib

PK PROFILE

Truncated ribs

Effective Length

mm	ins
PK526 *	20,7
PK560 *	22,0
PK575	22,6
PK582 *	22,9
PK597	23,5
PK633	24,9
NEW ! PK648	25,5
PK655 *	25,8
PK673	26,5
PK682 *	26,9
PK698	27,5
PK710	28,0
NEW ! PK730	28,7
PK740 *	29,1
PK755	29,7
PK775	30,5
PK790	31,1
PK805	31,7
PK818	32,2
NEW ! PK830	32,7
PK841	33,1
NEW ! PK865	34,0
NEW ! PK875	34,5
PK884	34,8
NEW ! PK888	35,0
PK903	35,6
PK915 *	36,0
PK926	36,5

PK PROFILE

Truncated ribs

Effective Length

mm	ins
PK938 *	36,9
PK954	37,6
PK970	38,2
PK990	39,0
PK1000	39,4
PK1015	40,0
PK1030 *	40,6
PK1037	40,8
PK1050	41,3
PK1080	42,5
PK1095	43,1
PK1110 *	43,7
PK1125	44,3
PK1146	45,1
PK1165	45,9
PK1194 *	47,0
PK1222	48,1
PK1230	48,4
PK1253	49,3
PK1272	50,1
PK1295 *	51,0
PK1330	52,4
PK1345	53,0
PK1360	53,5
PK1387	54,6
PK1397	55,0
PK1425	56,1
PK1435	56,5
PK1460	57,5
PK1479	58,2
PK1496	58,9
PK1520	59,8
PK1530	60,2
PK1560	61,4
PK1570	61,8
PK1580	62,2
PK1601 *	63,0
PK1626	64,0
PK1658	65,3
PK1682	66,2

* item not available from stock



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PK PROFILE		
Truncated ribs		
Effective Length		
	mm	ins
NEW !	PK1700	66,9
	PK1725	67,9
	PK1760	69,3
	PK1775 *	69,9
	PK1795	70,7
NEW !	PK1815	71,5
	PK1830	72,0
NEW !	PK1854	73,0
	PK1863	73,3
NEW !	PK1885	74,2
	PK1900	74,8
	PK1930 *	76,0
	PK1949 *	76,7
	PK1980	78,0
	PK2030 *	79,9
	PK2050	80,7
	PK2080 *	81,9
	PK2100	82,7
	PK2115 *	83,3
NEW !	PK2120	83,5
	PK2145	84,4
NEW !	PK2170	85,4
	PK2205	86,8
NEW !	PK2225	87,6
	PK2257 *	88,9
	PK2330	91,7
	PK2385 *	93,9
	PK2440	96,1
NEW !	PK2460	96,9
	PK2480 *	97,6
NEW !	PK2515	99,0
	PK2530 *	99,6
	PK2585 *	101,8
	PK2612	102,8
	PK2680	105,5
	PK2835	111,6
	PK2967 *	116,8
	PK4122	162,3

* item not available from stock

Sleeves of 132 ribs. Sleeves widths are subject to change without prior notice

If you need a specific number of ribs, please ask for it:

Example: 132PK2050 IMPERATIVE

Recommendations for ordering, please ask:

Poly V 8PK2050

8: number of ribs

PK: profile

2050: effective length in mm



POLY V®

Features



Profile PL
Rib Pitch 4,7 mm
Rib Angle 40°
Belt Thickness ... 7,00 mm
Linear Mass 0,029 kg/m/rib

PL PROFILE	
Truncated ribs	
Effective Length	
mm	ins
PL954	37,6
PL991	39,0
PL1075	42,3
PL1270	50,0
PL1333	52,5
PL1371	54,0
PL1397	55,0
PL1422	56,0
PL1480	58,3
PL1562	61,5
PL1613	63,5
PL1664	65,5
PL1715	67,5
PL1764	69,4
PL1803	71,0
PL1841	72,5
PL1943	76,5
PL1981 *	78,0
PL2020	79,5
PL2070	81,5
PL2096 *	82,5
PL2134	84,0
PL2197	86,5
PL2235	88,0
PL2324	91,5
PL2362	93,0
PL2476	97,5

PL PROFILE	
Truncated ribs	
Effective Length	
mm	ins
PL2515	99,0
PL2705	106,5
PL2743	108,0
PL2845	112,0
PL2895 *	114,0
PL2921	115,0
PL2997 *	118,0
PL3086 *	121,5
PL3124 *	123,0
PL3289	129,5
PL3327	131,0
PL3492	137,5
PL3696	145,5
PL4051	159,5
PL4191	165,0
PL4318 *	170,0
PL4470	176,0
PL4622 *	182,0
PL5029	198,0
PL5385	212,0
PL6096	240,0
PL7055 *	277,8

NEW !

NEW !

Sleeves of 100 ribs. Sleeves widths are subject to change without prior notice.

If you need a specific number of ribs, please ask for it:

Example: 100PL1664 IMPERATIVE

Recommendations for ordering, please ask:

Poly V 10PL1664

10: number of ribs

PL: profile

1664: effective length in mm



POLY V®

Features



Profile..... PM
Rib Pitch..... 9,4 mm
Rib Angle 40°
Belt Thickness ... 12,00 mm
Linear Mass..... 0,101 kg/m/rib

PM PROFILE	
Truncated ribs	
Effective Length	
mm	ins
PM2286	90,0
PM2388	94,0
PM2515	99,0
PM2693	106,0
PM2832	111,5
PM2921	115,0
PM3010	118,5
PM3124	123,0
PM3327	131,0
PM3531	139,0
PM3734	147,0
PM4089	161,0
PM4191	165,0
PM4470	176,0
PM4648	183,0
PM5029	198,0
PM5410	213,0
PM6121	241,0
PM6502 *	256,0
PM6883	271,0
PM7646	301,0
PM8408 *	331,0
PM9169	361,0
PM9931	391,0
PM10693 *	421,0
PM12217 *	481,0
PM13741 *	541,0
PM15266 *	601,0

* item not available from stock

Sleeves of 48 ribs. Sleeves widths are subject to change without prior notice

If you need a specific number of ribs, please ask for it:
 Example: 48PM4470 IMPERATIVE

Recommendations for ordering, please ask:

Poly V 12PM4470
 12: number of ribs
 PM: profile
 4470: effective length in mm

GENERAL TERMS & CONDITIONS OF SALE

THE ACT OF SENDING AN ORDER TO OUR COMPANY ENTAILS ACCEPTANCE BY THE CUSTOMER OF OUR GENERAL TERMS AND CONDITIONS OF SALE SET OUT BELOW, NOTWITHSTANDING ANY CONTRARY CLAUSE ON THE CUSTOMER'S PART AT ANY TIME AND IN ANY WHATSOEVER FORM.

Article 1 - ORDERS:

Orders placed with us shall be binding on us only when the object of a written acceptance from us.

An order shall comprise:

- the contract signed by both parties or the order form and acknowledgement of receipt,
- if necessary, specific supplementary terms and conditions and/or special terms and conditions,
- these general terms and conditions of sale which shall form an integral part of the order.

We reserve the right, within the strict framework of quality rules, during execution of the order, to make any modifications to our products rendered necessary by compelling circumstances such as a change to technical standards of production methods, legislative provisions or regulations affecting the terms and conditions of execution of the order, without, however, affecting the essential characteristics of the products. If such modifications make it impossible or more difficult to execute certain stipulations of the order, in particular regarding price or delivery time, we shall communicate the appropriate justifications to the customer, and an additional clause on the order will be signed formalising the necessary modifications.

Article 2 - PRICES:

Our scales of charges, including volume discounts, are shown in our price lists. They are available to customers and will be sent on request.

Our price lists do not constitute an offer and may be modified without prior notice. Our products are always invoiced at the price in force on the date of delivery. Our prices are quoted exclusive of tax, ex-works, carriage and packing invoiced separately.

Article 3 - DELIVERY - ACCEPTANCE:

3.1 Delivery

Whatever terms and conditions of delivery agreed, delivery times are given for guidance only, with no promise by us. Late delivery cannot be used as grounds for compensation or for cancellation of the order.

Deliveries, unless otherwise expressly agreed, shall be deemed effected in our factories or our depots (or those of our suppliers or sub-contractors) by handing over to the carrier of our choice and after customs clearance, if necessary (FCA our production unit or our depot). In the event of express agreement to the contrary resulting in a derogation from this principle, we can only be held liable for damage or loss arising during transport if the customer has completed the formalities of Article 105 of the French Commercial Code and we have been informed by registered letter with acknowledgement of receipt within the period stipulated in said Article 105.

We shall be released from our obligation to deliver in the event of force majeure. Quantities ready to be delivered at the time of the occurrence of an event of force majeure must be accepted by the customer.

No returns or reinstatements will be accepted without our express prior agreement. If the customer does not take possession of the products directly or through his carrier at the place and on the date agreed with us, he is nonetheless bound to make the payments stipulated in the contract as if the products had been delivered.

In the event of the customer's failure to collect and pay for the products, we shall be entitled to store said products at the customer's expense and risk. In such circumstances, we shall also be entitled to demand reimbursement of all expenses incurred in execution of the contract.

3.2 Acceptance

Saving special agreement, acceptance of our products shall take place at our works or at those of our suppliers or sub-contractors on the date agreed in the order.

If the product forming the object of supply is to be assembled or installed by ourselves or by our sub-contractors, the customer shall proceed to acceptance of the product when assembled or installed in the place stipulated in the order and shall issue an acceptance report to us.

However, the product shall be deemed accepted on the first of the following dates:

- the day of first use by the customer,
- one month after commissioning if the customer has not conducted or arranged

for acceptance,

- fifteen days after the customer has been formally notified that the acceptance procedure is to be conducted.

Article 4 - PAYMENT:

Our products are invoiced on delivery and must be paid by the customer within forty five (45) days end of the month. We reserve the right to demand a deposit or payment against order and the customer shall be bound to effect payments without deduction (expenses, taxes, duties etc.) with the exception of a discount on the terms and conditions below.

In the case of early payment agreed by us, the customer may deduct a discount calculated in accordance with the following formula:

$$\frac{\text{Invoice amount payable} \times (i) \times (nd)}{365 \times 100}$$

where (i) is the annual rate of legal interest and (nd) is the number of days yet to run between the date of credit (bank transfer) or the cheque clearance date (date of dispatch + eight days) and the due date 60 days of the end of the month of dispatch. The discount thus calculated shall be deemed inclusive of tax and the net amount before tax shall be deducted from our taxable turnover. The amount of VAT deductible by the customer shall be that shown on the invoice less the calculated discount. We shall not issue an adjusted invoice or confirmation credit note for calculated discounts. If the customer has promised to make payment on cash terms, i.e. within ten days of the date of invoice, the amount of the discount will be shown on the invoice and deducted from the price.

Payments are to be sent to the address shown on the front of the invoice. Failing which, they are to be sent to Centre Administratif HUTCHINSON, 17 rue André Boule, 86107 Châtelleraut Cedex. All invoices are to be paid on the due date even in the event of dispute over the description or contents that will, if necessary, be the object of a subsequent adjustment. However, no complaint will be considered more than 12 months after the invoice date.

Saving our express agreement, under no circumstances is the customer authorised to defer or stagger the payments due.

Article 5 - INTERESTS ON ARREARS AND COMPENSATIONS:

The customer shall be compelled to pay interest on arrears on the basis of a rate the amount of which shall not be less than three times the legal rate in force in France on the date of the lateness:

- in the event of failure to pay the price payable on the due date,
- or in the event of part payment only or of non-acceptance of an agreement with the period stipulated or in the event of termination of business or of transfer of capital, the whole of the balance still owing becoming then legally due following default of payment.

In accordance with article L.441-6, I, 12° al. of the French "Code de commerce" a lump sum payment equal to 40 € will also be payable by the customer in compensation for collection charges. The lump sum payment amount shall be added to the aforementioned interest on arrears.

Interests on arrears and lump sum payment will be payable as soon as the customer is informed by a letter of advise that they have been charged to his account.

The application of the above interest on arrears and lump sum payment shall take place without prejudice to the application of other provisions laid down in these general terms and conditions, or, more generally, of any other legal provision.

Article 6 - CANCELLATION:

Failure to pay the sums due at the times agreed, and failure to collect or to accept the products sold, shall lead, without need for formal notice or summons, to cancellation of the order, unless we require, as we are legally entitled to do, execution of the order.

In addition, all refunds, discounts or other special advantages not having been applied and paid prior to such cancellation shall remain legally acquired by us even retrospectively if necessary, as contractual compensation and penalty.

Article 7 - RESERVE OF OWNERSHIP:

Ownership of our products shall pass to the customer only on the date on which the price payable has been paid in full. This reserve of ownership shall not authorise the customer to cancel his or her order, this option being open only to us.

In consequence:

1. In the event of non-payment, the customer is absolutely forbidden to continue to use, by conversion or incorporation, pledge or resell our products over which ownership is reserved.
2. In so far as they are found in kind, in whole or in part, at the customer's premises, claims over products delivered may then be made by single registered letter with acknowledgement of receipt to the customer, a letter which will then be followed immediately by execution by us without need for a court order. Such claim may relate to all the products from the moment the customer leaves unpaid all or part of a sum due.
3. Payments by the customer regardless of the latter's allocation of same may subsequently be allocated first for application of this clause to those of our invoices corresponding to the products which have been used or resold.
4. Furthermore, the customer shall become the sole keeper of the products whose ownership is reserved from the moment of their effective transfer. In particular, he or she shall assume full responsibility and, in the event of loss or damage for any whatsoever reason, he or she shall pay the price agreed in full. He or she shall prove at first request that adequate insurance has been taken out.

- French law and to the jurisdiction of the *Tribunal de Commerce de Paris* if the delivery the Supply is to take place in France or outside the European Union;
- the law and to the jurisdiction of the relevant country of delivery, if the delivery is to take place in the European Union (other than France).

The Purchaser and Supplier expressly renounce application of the United Nations Convention on Contracts for the International Sale of Goods (CISG), signed in Vienna on 11 April 1980.

Article 8 - GUARANTEE:

The guarantee we give against defects of design, materials or manufacturing of our products comprises only the replacement, modification or repair of parts acknowledged to be defective and taking wear and tear into account without any compensation being awarded for any whatsoever reason.

In particular, we can in no circumstances be required to bear costs other than those for which this clause makes us responsible, such as costs incurred by the customer or by third parties during immobilisation of the product or of the equipment into which our product has been incorporated. All claims shall on penalty of inadmissibility be sent by registered letter posted within ten days of receipt of the product. In the event of our acceptance of the claim it shall be returned carriage and packing paid. Items replaced under the guarantee are our property and are to be returned to us at the place of delivery on request.

We shall not be liable under the guarantee in the following circumstances:

- defect arising from design, materials or manufacturing or assembly techniques imposed by the customer and over which we have issued reserves,
- intervention on the product effected by the customer or by a third party or parties in conditions not approved by us in writing prior to the intervention,
- defects or deterioration caused by the misuse or negligence of the user of the product or by an incident of force majeure or fortuitous circumstances,
- failure to comply with our instructions for use,
- on-going maintenance operations or replacement of parts made necessary by the normal wear and tear of the product or by its exposure to bad weather.

Article 9 - LIABILITY:

Our liability is strictly limited to the obligations defined in the order. In no circumstances shall we be liable for intangible damage (consequential loss or damage) that may be suffered by the customer. Our liability is limited all causes combined, to the contractual price of our products giving rise to the claim.

Article 10 - TOOLING:

Contribution to all or part of the costs of producing the production tooling of our products, requested from the customer in the form of a separate invoice, shall not lead to the transfer of ownership of such tooling to the customer saving express contrary agreement.

Article 11 - SECRECY:

We shall retain ownership of studies, plans and drawings, models and all documents we issue or of which the customer may have obtained knowledge in the context of the order. Such items may only be used by the customer for the purposes of execution of the order. These documents are confidential and may not be distributed, published, or more generally, communicated to third parties without our prior authorisation. They must be returned to us at the first request from us.

We shall retain exclusive ownership of the studies completed by us or by our representatives, staff or sub-contractors on the occasion of execution of the order.

Article 12 - FORCE MAJEURE:

Our obligations shall be suspended in circumstances constituting force majeure and more generally in the event of any whatsoever stoppages of work, production accidents, fire, flood, lockout occurring on our premises, on those of our suppliers and sub-contractors, problems of importation and exportation, and in the event of the occurrence of events beyond our control and preventing us from fulfilling our obligations in normal conditions.

Article 13 - COMPETENT LAW - LEGAL VENUE:

Unless otherwise specified in the Contract, any dispute relating to the Contract, including its existence, validity and/or termination shall be subject to:



HUTCHINSON BELT DRIVE SYSTEMS

Rue des Martyrs – BP 423

37304 – Joué-les-Tours Cedex

FRANCE

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