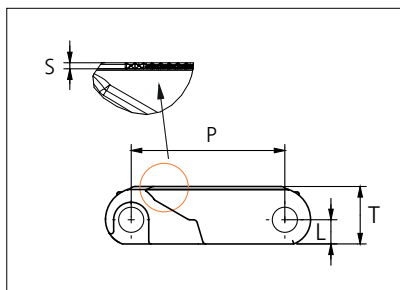




Plastic Modular Belt

Series **uni CPB** Type **Rough Embedded**



Straight running belt
Nominal pitch: 50.8 mm (2.00 in)
Surface type: Rough Embedded
Surface opening: 0%
Backflex radius: 85.0 mm (3.30 in)
Pin diameter: 8.0 mm (0.31 in)

Belt material & color	POM-DI UV O W				
Pin and lock material & color	PBT-GR N	PA6.6 N			
	P (Nominal)	50.8	2.00	S	1.0
	L	8.0	0.31	T	18.0
					0.04
					0.71

Non standard material and color: See uni Material and Color Overview.

Belt width		Permissible tensile force (Belt/pin material)		Belt weight (Belt/pin material)		*Min. No. drive sprocket per shaft	Number of wear strips (Min. No.)	
		POM-DI UV/PBT-GR		POM-DI UV/PBT-GR			**Carry (pcs)	**Return (pcs)
mm	in	N	lbf	kg/m	lb/ft			
151	5.9	7826	1759	2.5	1.68	2	2	2
403	15.9	20956	4711	6.7	4.50	3	3	2
453	17.8	23556	5295	7.5	5.05	4	4	2
503	19.8	26156	5880	8.3	5.61	4	4	2
553	21.8	28756	6464	9.2	6.17	4	4	2
604	23.8	31408	7061	10.0	6.74	5	5	3
654	25.7	34008	7645	10.9	7.30	5	5	3
704	27.7	36608	8229	11.7	7.85	5	5	3
754	29.7	39208	8814	12.5	8.41	6	6	3
805	31.7	41860	9410	13.4	8.98	6	6	3
855	33.7	44460	9995	14.2	9.54	6	6	3
905	35.6	47060	10579	15.0	10.10	7	7	4
956	37.6	49712	11175	15.9	10.67	7	7	4

Additional standard belt widths are available in steps of 50.3 mm (1.98 in). Additional non-standard belt widths are available in steps of 16.8 mm (0.66 in).

1961	77.2	101972	22923	32.6	21.88	14	14	7
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Additional standard belt widths are available in steps of 50.3 mm (1.98 in). Additional non-standard belt widths are available in steps of 16.8 mm (0.66 in).

2966	116.8	154232	34671	49.2	33.09	20	20	10
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General belt tolerance is +0/-0.4% at 23°C/73°F and 50% RH. For exact belt width contact Customer Service. Non standard belt width on request.

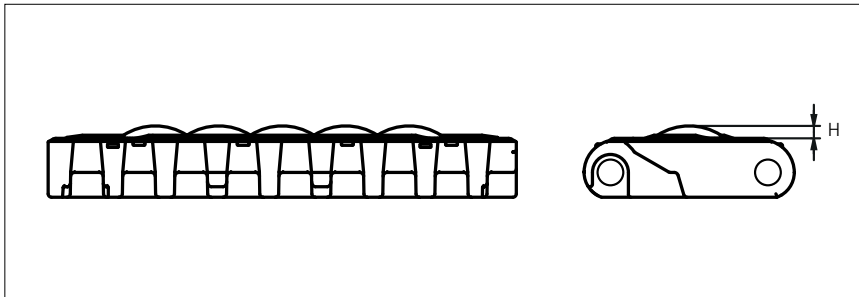
*Max. Load per Drive Sprocket. Belt material: POM-NLAS 2500 N (560 lbf), POM-NL 2500 N (560 lbf), PP 2500 N (560 lbf).

**Max. Spacing between wear strips, Carry: 152.0 mm (6.00 in); Return: 304.0 mm (12.00 in).

= Single Link

Accessories

Rubber Top

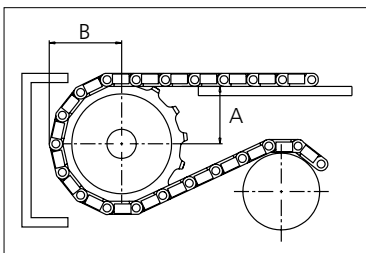


Type	Belt material & color	Rubber material & color	H		Link size	Width	
			mm	in		mm	in
Dome	PPI/UV W	03K K	4.0	0.16	K600	150.5	5.93

Sprocket

No of teeth	Bore size					Overall diameter		Pitch diameter		Hub diameter		Dimension A		Dimension B		Single row/One way	Double row/Two way	Molded	Machined
	in	1.57	2.36	2.50	3.54														
	mm	40.0	60.0	63.5	90.0	mm	in	mm	in	mm	in	mm	in	mm	in				
Z16						263.8	10.39	260.4	10.25	160	6.29	119.7	4.71	138.7	5.46		x	x	

Molded sprocket



Non standard material and color: See uni Material and Color Overview.

Other sprocket sizes are available upon request.

Two-part sprocket are available upon request.

Round bores are always delivered with keyway.

Other bore sizes are available upon request.

uni Retainer Rings: See uni Retainer Ring data sheet.

Width of tooth = 9.5 mm (0.37 in)

Width of sprocket = 40.8.0 mm (1.60 in)

Max load per sprocket shown does not take bore size into account.

Please also ensure that sufficient size shaft is chosen for corresponding load.

For correct sprocket position: See uni Assembly Instructions for uni CPB.

For more detailed sprocket information, contact Customer Service.

uni CPB Rough Embedded/161220



Conveyor Belts



Seamless Belts



Modular Belts



Timing Belts



Transmission Belts



Fabrication & service

Expert advice, quality solutions and local service for all your belting needs
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