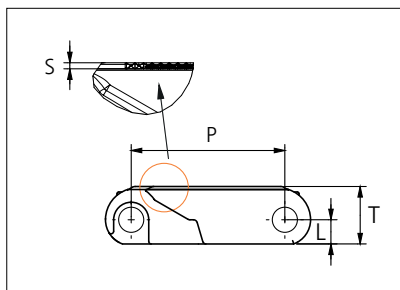




Plastic Modular Belt

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: ø8.0 mm (0.31 in)

Belt material & color	POM-DI UV O W PP UV W				
Pin and lock material & color	PBT-GR N PA6.6 N				
	mm	in		mm	in
P (Nominal)	50.8	2.00	S	1.0	0.04
L	8.0	0.31	T	18.0	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		PP UV/PBT-GR		POM-DI UV/PBT-GR		PP UV/PBT-GR			**Carry (pcs)	**Return (pcs)
mm	in	N	lbf	N	lbf	kg/m	lb/ft	kg/m	lb/ft			
151	5.9	7852	1765	2.5	1.68	2	2	2	3.01	3	3	2
202	8.0	10504	2361	3.4	2.25	2	2	2	3.38	4	4	2
252	9.9	13104	2946	4.2	2.81	2	2	2	3.75	4	4	2
302	11.9	15704	3530	5.0	3.37	3	3	2	4.13	4	4	2
352	13.9	18304	4115	5.8	3.93	3	3	2	4.51	5	5	3
403	15.9	20956	4711	6.7	4.50	3	3	2	4.88	5	5	3
453	17.8	23556	5295	7.5	5.05	4	4	2	5.25	5	5	3
503	19.8	26156	5880	8.3	5.61	4	4	2	5.62	6	6	3
553	21.8	28756	6464	9.2	6.17	4	4	2	6.01	6	6	3
604	23.8	31408	7061	10.0	6.74	5	5	3	6.38	6	6	3
654	25.7	34008	7645	10.9	7.30	5	5	3	6.75	7	7	4
704	27.7	36608	8229	11.7	7.85	5	5	3	7.13	7	7	4
754	29.7	39208	8814	12.5	8.41	6	6	3	7.50	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	14.63	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	22.13	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.

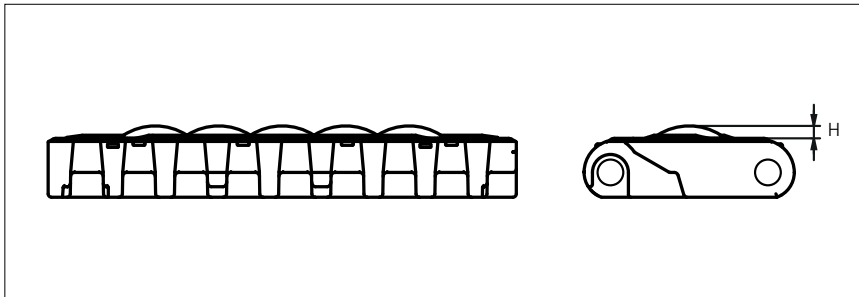
*Max. Load per Drive Sprocket. Belt material: POM-NLAS 2500 N (560 lbf), POM-NL 2500 N (560 lbf), PP 2500 N (560 lbf)

**Max. Spacing between wear strips, Carry: 152 mm (6 in); Return: 304 mm (12 in)

 = Single Link

Accessories

Rubber Top

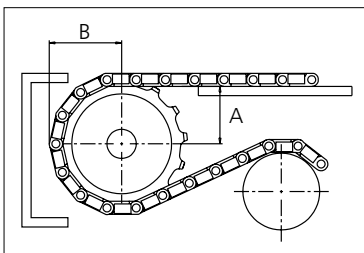


Type	Belt material & color	Rubber material & color	H		Link size	Width	
			mm	in		mm	in
Dome	PPI/UV W	03K K	4.0	0.16	K600	150.5	5.93

Sprocket

No of teeth	Bore size					Overall diameter		Pitch-diameter		Hub-diameter		A-dimension		B-dimension		Single row/One way	Double row/Two way	Molded PA6 LG	Machined PA6 N
	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/1306



Conveyor



Seamless



Modular



Timing



Transmission



Fabrication & service

Solid advice
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