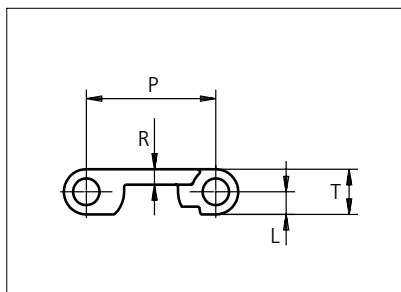
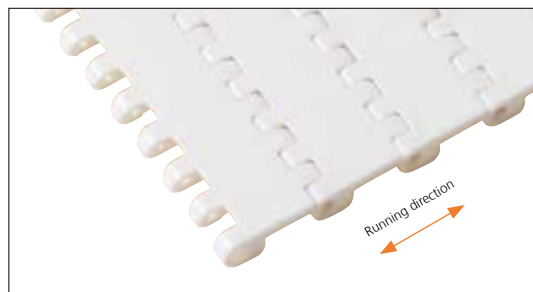


Plastic Modular Belt

Series **uni CNB** Type **C**



Straight running belt
Nominal pitch: 25.4 mm (1.00 in)
Surface type: Flat
Surface opening: Closed
Backflex radius: 40.0 mm (1.60 in)
Pin diameter: $\varnothing$ 5.0 mm (0.20 in)

Belt material & color	POM-D	W	PP	W	PP	B	PE	N		mm	in		mm	in		
									P (Nominal)	25.4	1.00	T	8.8	0.35		
Pin material & color	 PP				W	 PP		B	 PE	N	R	3.0	0.12	L	4.4	0.17

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

Alternative pin and lock materials: Pin: PE **W** PA6.6 **B** PBT **LG** SS304

Lockpin: PBT **LG** PA6.6 **N** PP **W** **B** PE **N**

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-D/PP		PP/PP		PE/PE		POM-D/PP		PP/PP		PE/PE			**Carry (pcs)	**Return (pcs)
mm	in	N	lbf	N	lbf	N	lbf	kg/m	lb/ft	kg/m	lb/ft	kg/m	lb/ft			
77	3.0	1040	234	539	121	477	107	0.4	0.30	0.3	0.20	0.3	0.21	2	2	2
153	6.0	2065	464	1071	241	949	213	0.9	0.60	0.6	0.40	0.6	0.41	2	2	2
229	9.0	3091	695	1603	360	1420	319	1.3	0.89	0.9	0.60	0.9	0.62	2	2	2
305	12.0	4117	926	2135	480	1891	425	1.8	1.19	1.2	0.80	1.2	0.82	3	3	2
381	15.0	5143	1156	2667	600	2362	531	2.2	1.49	1.5	1.00	1.5	1.02	3	3	2
457	18.0	6169	1387	3199	719	2833	637	2.7	1.78	1.8	1.20	1.8	1.23	4	4	2
533	21.0	7195	1617	3731	839	3304	743	3.1	2.08	2.1	1.40	2.1	1.43	4	4	2
609	24.0	8221	1848	4263	958	3776	849	3.5	2.37	2.4	1.60	2.4	1.64	5	5	3
685	27.0	9247	2079	4795	1078	4247	955	4.0	2.67	2.7	1.80	2.7	1.84	5	5	3
761	30.0	10273	2309	5327	1197	4718	1061	4.4	2.97	3.0	1.99	3.0	2.05	6	6	3
837	33.0	11299	2540	5859	1317	5189	1167	4.9	3.26	3.3	2.19	3.3	2.25	6	6	3
913	35.9	12325	2771	6391	1437	5660	1272	5.3	3.56	3.6	2.39	3.7	2.45	7	7	4
989	38.9	13351	3001	6923	1556	6132	1378	5.7	3.85	3.9	2.59	4.0	2.66	7	7	4

Additional standard belt widths are available in steps of 76.0 mm (2.99 in.) Additional non-standard belt widths are available in steps of 12.7 mm (0.50 in.)

1977	77.8	26690	6000	13839	3111	12257	2755	11.5	7.71	7.7	5.18	7.9	5.31	14	14	7
2965	116.7	40028	8998	20755	4666	18383	4132	17.2	11.56	11.6	7.77	11.9	7.97	20	20	10

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-D 600 N (135 lbf). PP 500 N (112 lbf)

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

Any questions? Please contact us.

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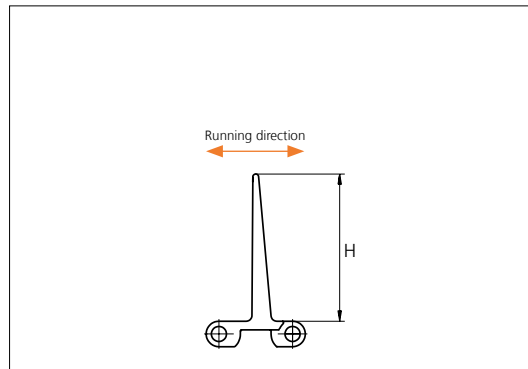
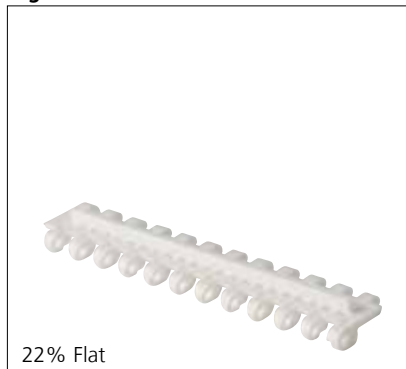
STANDARD

STRAIGHT RUNNING

PITCH 25.4 MM/1.00 IN

Accessories

Flight



Type	Material & color	H		Link size	Width		Indent	
		mm	in		mm	in	mm	in
22% Flat	PE  PP-I 	5.0	0.20	K300	75.9	2.99	6.4	0.25
				K600	152.0	5.98		
Flat	POM-D  PE  PP-I  PP-I 	25.4	1.00	K600	152.0	5.98	0.0	0.00
		50.8	2.00					
		76.2	3.00					

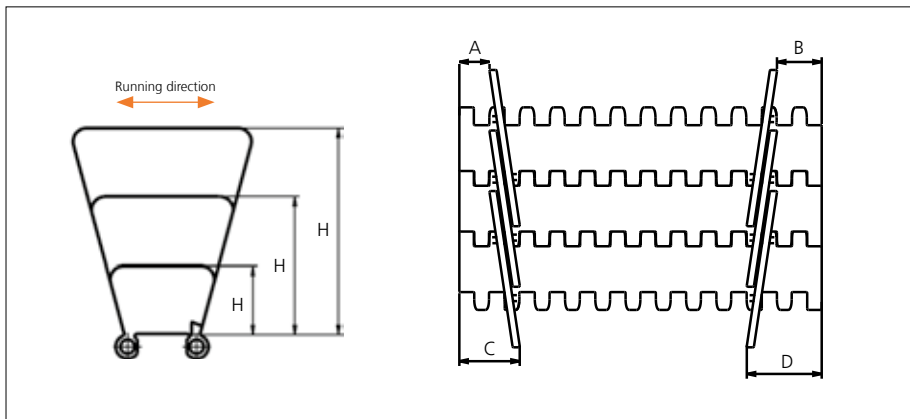
Flat Flight: Flat on one side and with waves on the other side.

Minimum bricklaid indent is 38.1 mm (1.50 in); 14.0 mm (0.55 in). Increment: 12.7 mm (0.50 in).

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

Accessories

Side Guard



Type	Material & color	H		A (Min.)		B (Min.)		C (Min.)		D (Min.)	
		mm	in	mm	in	mm	in	mm	in	mm	in
Closed	PP-I  	25.4	1.00	12.5	0.49	18.5	0.73	25.5	1.00	31.5	1.24
		50.8	2.00								
		76.2	3.00								

Minimum indent to outside of Side Guard: 14.0 mm (0.55 in). Increment 6.4 mm (0.25).

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

Backflex radius for Side Guard: 75.0 mm (2.95 in)

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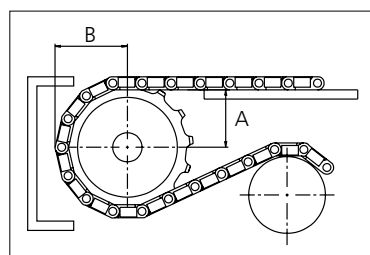
Sprocket

No of teeth	Bore size													Overall diameter		Pitch-diameter		Hub-diameter		A-dimen-sion		B-dimen-sion		Single row/Two way	Double row/Two way	PA6 LG	PA6 N
	Pilot bore	in	0.75	0.78	0.98	1.00	1.18	1.25	1.50	1.57	2.36	2.50	3.54														
														mm	19.1	20.0	25.0	25.4	30.0	31.8	38.1	40.0	60.0				
Z10	x				●	●	●	●						80.0	3.15	82.2	3.24	65.0	2.56	34.7	1.37	45.5	1379		x	x	
Z12	x					●	●	●						96.8	3.81	98.1	3.86	70.0	2.76	43.0	1.69	53.5	2.11		x	x	
Z15	x					●	●	●						121.5	4.78	122.2	4.81	70.0	2.76	55.3	2.18	65.5	2.58		x	x	
Z18	x						●	●	●	●	●			146.0	5.75	146.3	5.76	70.0	2.76	67.6	2.66	77.5	3.05		x	x	
Z19	x						●	●	●	●	●	●		154.2	6.07	154.3	6.07	70.0	2.76	71.7	2.82	81.6	3.21		x	x	

Molded sprocket



Molded sprocket



Other sprocket sizes are available upon request.
 Two-part sprockets 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 = 12.0 mm (0.47 in)
 Width of sprocket = 25.0 mm (0.98 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 CNB.
 For more detailed sprocket information, contact Customer Service.

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

Any questions? Please contact us.

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