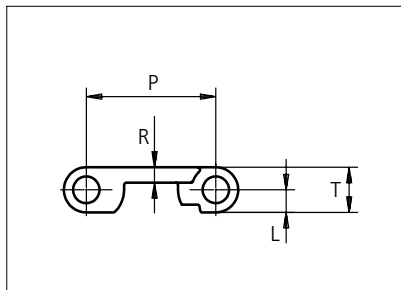
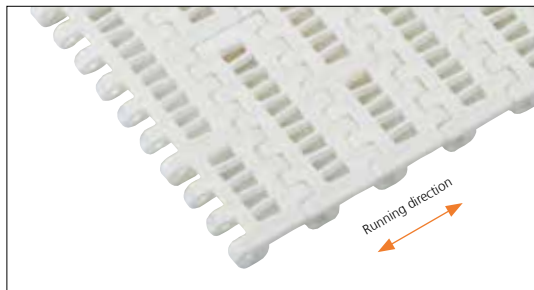




Plastic Modular Belt

Series **uni CNB** Type **22%**



Straight running belt
 Nominal pitch: 25.4 mm (1.00 in)
 Surface type: Flat
 Surface opening: 22%
 Backflex radius: 40.0 mm (1.60 in)
 Pin diameter: 5.0 mm (0.20 in)

Belt material & color	PP W	POM-D W	PE N	mm	in	mm	in		
Pin material & color	PP W		PE N	P (Nominal)	25.4	1.00	T	8.8	0.35
				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/PA6.6		PP/PA6.6		PE/PA6.6		POM-D/PA6.6		PP/PA6.6		PE/PA6.6			**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	0.25	0.3	0.18	0.3	0.18	2	2	2
153	6.0	2065	464	1071	241	949	213	0.7	0.49	0.5	0.35	0.5	0.36	2	2	2
229	9.0	3091	695	1603	360	1420	319	1.1	0.74	0.8	0.52	0.8	0.54	2	2	2
305	12.0	4117	926	2135	480	1891	425	1.5	0.98	1.0	0.70	1.1	0.72	3	3	2
381	15.0	5143	1156	2667	600	2362	531	1.8	1.23	1.3	0.87	1.3	0.90	3	3	2
457	18.0	6169	1387	3199	719	2833	637	2.2	1.47	1.6	1.04	1.6	1.07	4	4	2
533	21.0	7195	1617	3731	839	3304	743	2.6	1.72	1.8	1.22	1.9	1.25	4	4	2
609	24.0	8221	1848	4263	958	3776	849	2.9	1.96	2.1	1.39	2.1	1.43	5	5	3
685	27.0	9247	2079	4795	1078	4247	955	3.3	2.21	2.3	1.57	2.4	1.61	5	5	3
761	30.0	10273	2309	5327	1197	4718	1061	3.7	2.45	2.6	1.74	2.7	1.79	6	6	3
837	33.0	11299	2540	5859	1317	5189	1167	4.0	2.70	2.8	1.91	2.9	1.97	6	6	3
913	35.9	12325	2771	6391	1437	5660	1272	4.4	2.95	3.1	2.09	3.2	2.15	7	7	4
989	38.9	13351	3001	6923	1556	6132	1378	4.7	3.19	3.4	2.26	3.5	2.33	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	9.5	6.38	6.7	4.52	6.9	4.65	14	14	7
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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.)

2965	116.7	40028	8998	20755	4666	18383	4132	14.2	9.56	10.1	6.77	10.4	6.97	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: 152.0 mm (6.00 in); Return: 304.0 mm (12.00 in)

= Single Link



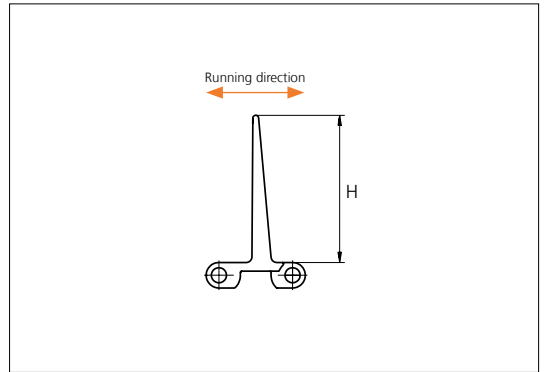
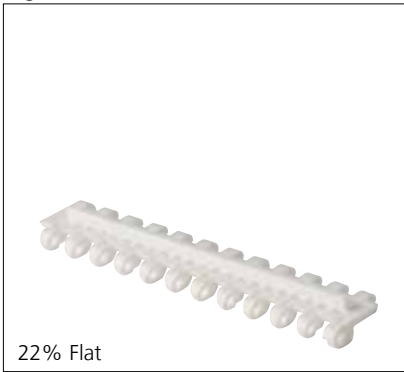
STANDARD






STRAIGHT RUNNING

PITCH 25.4 MM/1.00 IN

Accessories

Flight

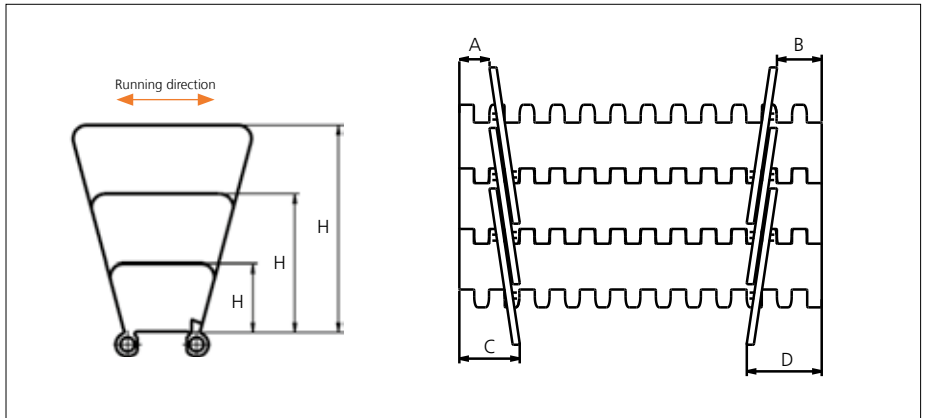




Type	Material & color	H		Link size	Width		Indent	
		mm	in		mm	in	mm	in
22% Flat	PE  PP-I 	5.0	0.20	K300	75.9	2.99	6.4	0.25
					K600	152.0		
Flat/waves	POM-D  PE  PP-I  PP-I 	25.4	1.00	K600	152.0	5.98	0.0	0.00
		50.8	2.00					
		76.2	3.00					

Minimum bricklaid indent is 38.1 mm (1.50 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								

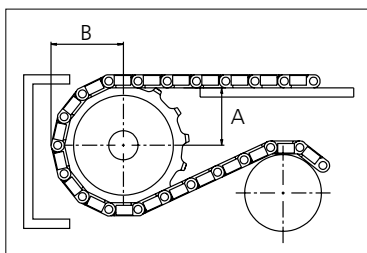
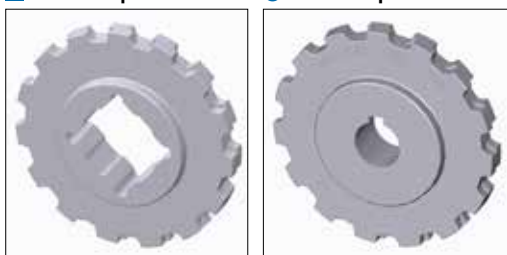
Minimum indent to outside of Side Guard: 14.0 mm (0.55 in). Increment 6.4 mm (0.25).
 Non Standard material and color: See uni Material and Color Overview.
 Backflex radius for Side Guard: 75.0 mm (2.95 in)

Sprocket

No of teeth	Bore size								Overall diameter		Pitch diameter		Hub diameter		A-dimension		B-dimension		Double row/Two way	Molded	PA6 LG
	Pilot bore	in		1.00		1.18		1.25													
	mm	25.0	25.4	30.0	31.8	38.1	40.0	mm	in	mm	in	mm	in	mm	in	mm	in				
Z10	✓		●	●	●	●			80.0	3.15	82.2	3.24	70.0	2.76	34.7	1.37	45.5	1379	✓	✓	
Z12	✓			●	●	●			96.8	3.81	98.1	3.86	70.0	2.76	43.0	1.69	53.5	2.11	✓	✓	
Z15	✓			●	●	●			121.5	4.78	122.2	4.81	70.0	2.76	55.3	2.18	65.5	2.58	✓	✓	
Z18	✓				●	●	■	■	146.0	5.75	146.3	5.76	70.0	2.76	67.6	2.66	77.5	3.05	✓	✓	
Z19	✓				●	●	■	■	154.2	6.07	154.3	6.07	70.0	2.76	71.7	2.82	81.6	3.21	✓	✓	

■ Molded sprocket

● Molded sprocket



Other sprocket sizes are available upon request.
 Two-part sprockets are available upon request.
 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.



Conveyor Belts



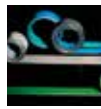
Seamless Belts



Modular Belts



Timing Belts



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