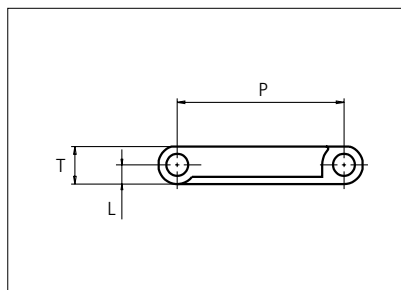
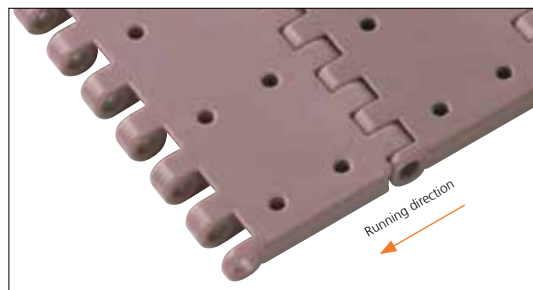


Plastic Modular Belt

Serie **uni Light EP** Type **Vacuum**



Straight running belt
 Nominal pitch: 38.1 mm (1.50 in)
 Surface type: Flat
 Surface opening: Closed
 Backflex radius: 75.0 mm (3.0 in)
 Pin diameter: 5.0 mm (0.13 in)

Vacuum holes: ø3.2 mm (0.13 in)

Recommended Belt material & color	POM-LF 		mm	in		mm	in
		P (Nominal)	38.1	1.50	T	8.5	0.33
Recommended Pin and lock material & color	 PP 	L	4.3	0.17	-	-	-

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

Alternative materials: Belt: PP and PE Pin: PP **W** PA6.6 **B** PE **W** PBT **LG** and SS304 PP **W** **B** **G** Lockpin: PBT **LG** PA6.6 **N** **D**

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/PP		POM-D/PP		PP/PP		PE/PP			**Carry (pcs)	**Return (pcs)
mm	in	N	lbf	N	lbf	N	lbf	kg/m	lb/ft	kg/m	lb/ft	kg/m	lb/ft			
102	4.0	1046	235	523	118	314	71	0.6	0.39	0.4	0.25	0.4	0.27	2	2	2
153	6.0	1568	353	784	176	470	106	0.9	0.59	0.6	0.38	0.6	0.41	2	2	2
204	8.0	2091	470	1046	235	627	141	1.2	0.78	0.8	0.51	0.8	0.55	2	2	2
255	10.0	2614	588	1307	294	784	176	1.5	0.98	0.9	0.63	1.0	0.69	2	2	2
306	12.0	3137	705	1568	353	941	212	1.7	1.17	1.1	0.76	1.2	0.82	3	3	2
357	14.1	3659	823	1830	411	1098	247	2.0	1.37	1.3	0.89	1.4	0.96	3	3	2
408	16.1	4182	940	2091	470	1255	282	2.3	1.56	1.5	1.01	1.6	1.10	3	3	2
459	18.1	4705	1058	2352	529	1411	317	2.6	1.76	1.7	1.14	1.8	1.23	4	4	2
510	20.1	5228	1175	2614	588	1568	353	2.9	1.95	1.9	1.27	2.0	1.37	4	4	2
561	22.1	5750	1293	2875	646	1725	388	3.2	2.15	2.1	1.39	2.2	1.51	4	4	2
612	24.1	6273	1410	3137	705	1882	423	3.5	2.34	2.3	1.52	2.4	1.65	5	5	3
663	26.1	6796	1528	3398	764	2039	458	3.8	2.54	2.5	1.65	2.7	1.78	5	5	3
714	28.1	7319	1645	3659	823	2196	494	4.1	2.74	2.6	1.78	2.9	1.92	5	5	3

Additional standard belt widths are available in steps of 50.9 mm (2.00 in). Additional non-standard belt widths are available in steps of 12.7 mm (0.50 in).

1987	78.2	20367	4578	10183	2289	6110	1374	11.3	7.61	7.4	4.94	7.9	5.34	14	14	7
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Additional standard belt widths are available in steps of 50.9 mm (2.00 in). Additional non-standard belt widths are available in steps of 12.7 mm (0.50 in).

2955	116.3	30289	6809	15144	3404	9087	2043	16.8	11.32	10.9	7.35	11.8	7.94	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.

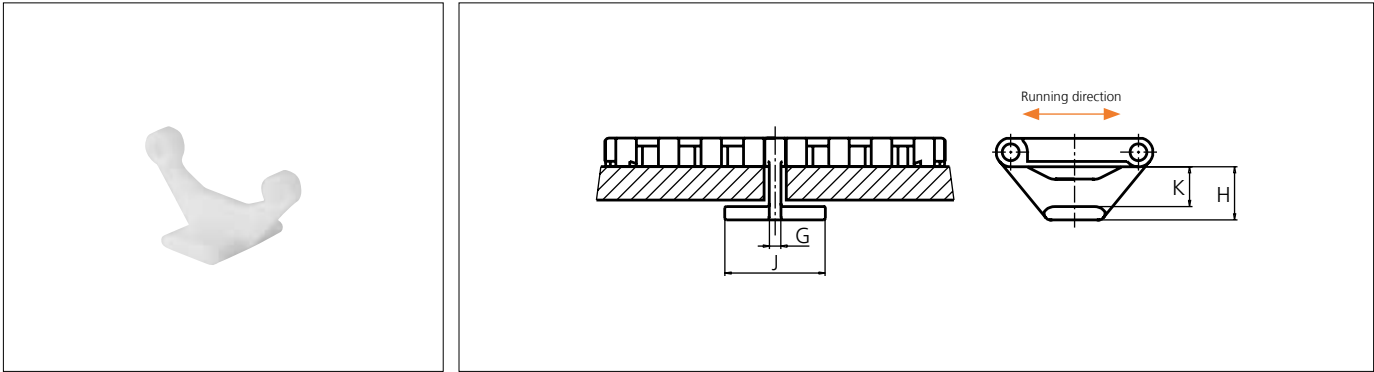
*Max. Load per Drive Sprocket. Belt material: POM-D 1000 N (225 lbf). PP 600 N (135 lbf). PE 600 N (135 lbf)

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

 = Single Link

Accessories

Tab

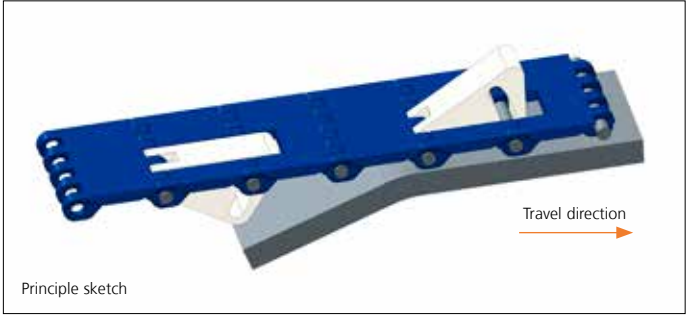


Type	Recommended Material & color	G		J		K		H	
		mm	in	mm	in	mm	in	mm	in
Bottom Hold Down	POM-D 	3.5	0.14	26.0	1.02	12.4	0.49	16.4	0.65

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

Accessories

Non Standard uni AmFlight



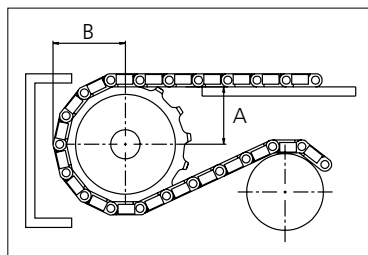
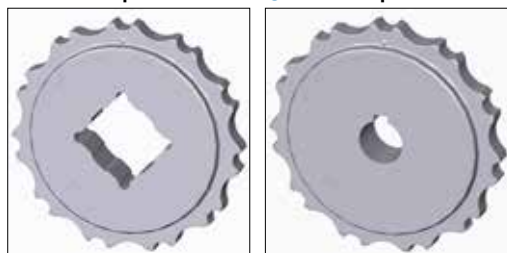
Other Non Standard option: See uni AmFlight Overview.

Sprocket

No of teeth	Bore size						Overall diameter		Pitch-diameter		Hub-diameter		Dimension A		Dimension B		Single row/Two way	Molded	PA6 LG
	Pilot bore	in	1.00	1.18	1.25	1.50													
			mm	25.4	30.0	31.8	38.1	40.0	mm	in	mm	in	mm	in	mm	in			
Z07			●	●	●			87.8	3.46	86.0	3.39	65.0	2.56	35.2	1.39	48.3	1.90	✓	✓
Z09			●	●	●	■	●	111.4	4.39	110.6	4.35	90.0	3.54	48.0	1.89	60.0	2.36	✓	✓
Z10			●	●	●	■	■	123.3	4.85	122.7	4.83	100.0	3.94	54.3	2.14	66.0	2.60	✓	✓
Z11			●	●	●	■	■	135.2	5.32	135.0	5.31	110.0	4.33	60.5	2.38	72.0	2.83	✓	✓
Z12				●	●	■	■	147.2	5.80	147.1	5.79	120.0	4.72	66.7	2.63	78.0	3.07	✓	✓
Z15				●	●	■	■	183.2	7.21	183.5	7.22	120.0	4.72	85.3	3.36	96.0	3.78	✓	✓

■ Molded sprocket

● Molded sprocket



Other sprocket sizes are available upon request.
 Two-part sprocket are available upon request.
 Other bore sizes are available upon request.
 uni Retainer Rings: See uni Retainer Ring data sheet
 Width of tooth = 11.8 mm (0.47 in)
 Width of sprocket = 23.2 mm (0.91 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 Light EP.
 For more detailed sprocket information, contact Customer Service.

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



Conveyor Belts



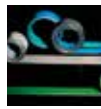
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Modular Belts



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