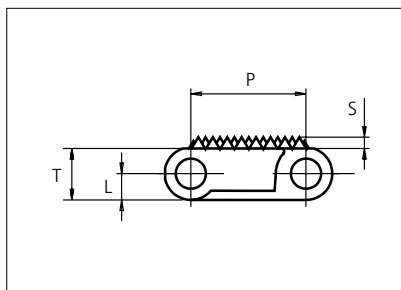




Plastic Modular Belt

Series **uni Light** Type **Rough**



Straight running belt
Nominal pitch: 19.1 mm (0.75 in)
Surface type: Rough Top
Surface opening: Closed
Backflex radius: 25.0 mm (1.0 in)
Pin diameter: 5.0 mm (0.20 in)

Recommended Belt material & color	POM-D W		mm	in		mm	in
Recommended Pin material & color	PA6.6 N	P (Nominal)	19.1	0.75	T	8.5	0.33
		L	4.3	0.17	S	1.5	0.06

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

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

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-LF/PA6.6		PP/PA6.6		PA6/PBT-GR		POM-LF/PA6.6		PP/PA6.6		PA6/PBT-GR			**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	789	177	395	89	789	177	0.5	0.35	0.4	0.25	0.4	0.29	2	2	2
153	6.0	1572	353	786	177	1572	353	1.0	0.70	0.7	0.49	0.9	0.58	2	2	2
230	9.0	2355	529	1177	265	2355	529	1.6	1.05	1.1	0.74	1.3	0.86	2	2	2
306	12.1	3138	705	1569	353	3138	705	2.1	1.40	1.5	0.99	1.7	1.15	3	3	2
383	15.1	3921	881	1960	441	3921	881	2.6	1.75	1.8	1.23	2.1	1.44	3	3	2
459	18.1	4704	1057	2352	529	4704	1057	3.1	2.10	2.2	1.48	2.6	1.73	4	4	2
535	21.1	5486	1233	2743	617	5486	1233	3.6	2.45	2.6	1.73	3.0	2.01	4	4	2
612	24.1	6269	1409	3135	705	6269	1409	4.2	2.80	2.9	1.97	3.4	2.30	5	5	3
688	27.1	7052	1585	3526	793	7052	1585	4.7	3.14	3.3	2.22	3.9	2.59	5	5	3
764	30.1	7835	1761	3918	881	7835	1761	5.2	3.49	3.7	2.47	4.3	2.88	6	6	3
841	33.1	8618	1937	4309	969	8618	1937	5.7	3.84	4.0	2.71	4.7	3.16	6	6	3
917	36.1	9401	2113	4700	1057	9401	2113	6.2	4.19	4.4	2.96	5.1	3.45	7	7	4
994	39.1	10184	2289	5092	1145	10184	2289	6.8	4.54	4.8	3.20	5.6	3.74	7	7	4

Additional standard belt widths are available in steps of 76.4 mm (3.01 in) Additional non-standard belt widths are available in steps of 19.1 mm (0.75 in)

1910	75.2	19578	4401	9789	2201	19578	4401	13.0	8.73	9.2	6.16	10.7	7.19	13	13	7
------	------	-------	------	------	------	-------	------	------	------	-----	------	------	------	----	----	---

Additional standard belt widths are available in steps of 76.4 mm (3.01 in) Additional non-standard belt widths are available in steps of 19.1 mm (0.75 in)

2980	117.3	30545	6867	15273	3433	30545	6867	20.3	13.62	14.3	9.61	16.7	11.22	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.

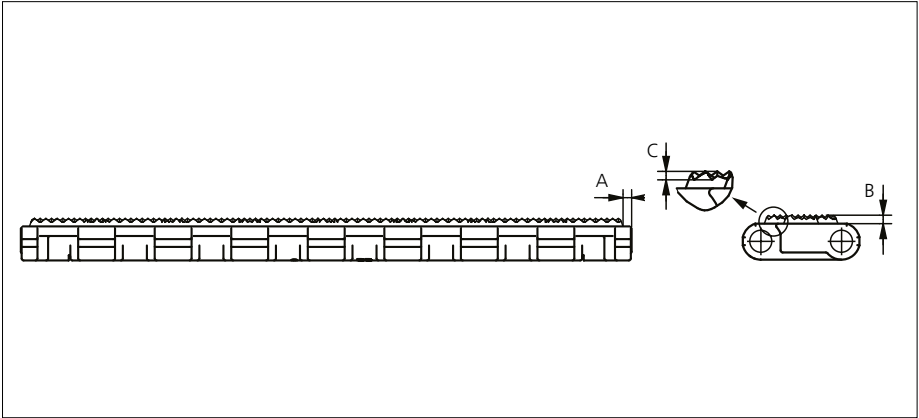
*Max. Load per Drive Sprocket. Belt material: POM-LF 1250 N (281 lbf), PP 700 N (157 lbf), PA6 1250 N (281 lbf)

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

= Single Link

Accessories

Rubber Top

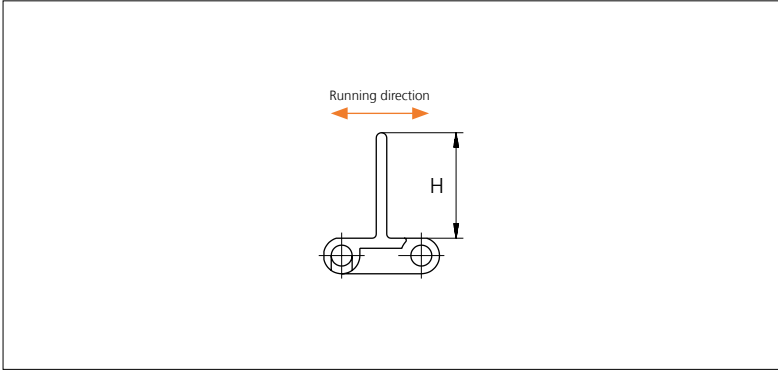
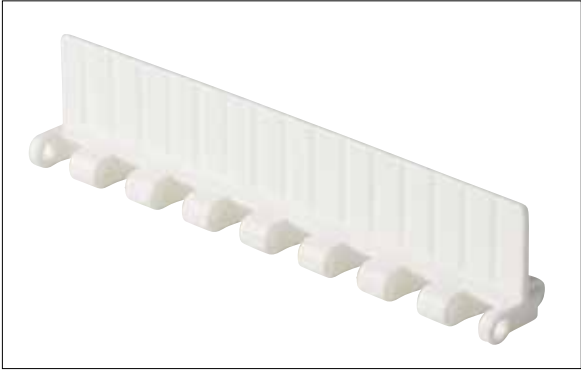


Type	Belt Material & color	Rubber Material & color	A		B		C		Link size	Width	
			mm	in	mm	in	mm	in		mm	in
NON STANDARD Flat	PP K	03 K	2.0	0.08	2.0	0.08	-	-	K300	76.0	2.99
STANDARD Rough							1.0	0.04	K450	114.0	4.49
									K600	150.5	5.93

Indent 15.0 mm (0.59 in) is only available in size 228.6 mm (9 in) and wider.

Accessories

Flight

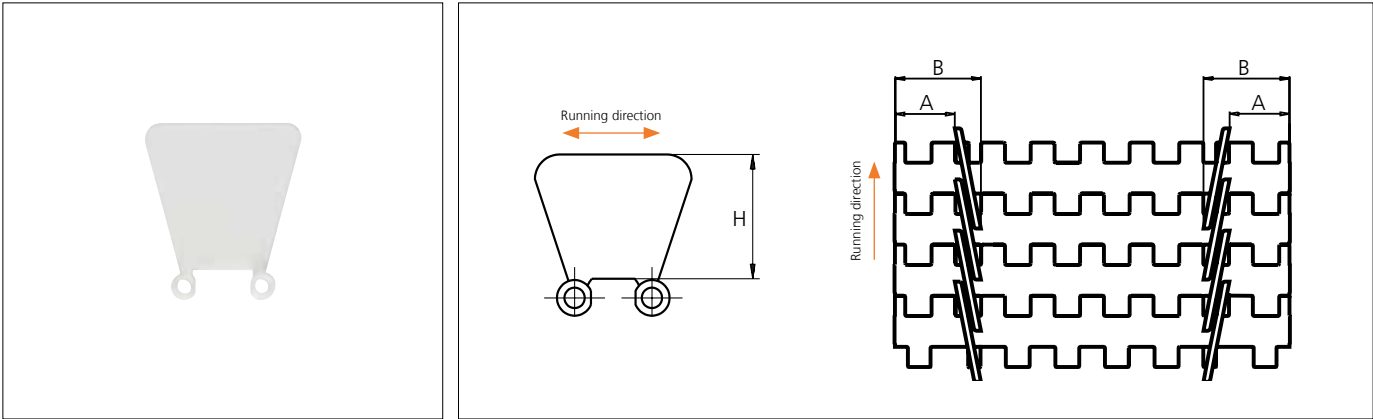


Type	Flight Material & color		H		Link size	Width		Indent	
			mm	in		mm	in	mm	in
Non Stick	PP-I	W	25.4	1.00	K300	76.4	3.01	0.0	0.00
	PP-I	W G			K600	152.8	6.02	0.0	0.00
	PA6	K							
Non Stick	PA6	K	25.4	1.00	K600	152.8	6.02	15.0	0.59
	PA6	K							
Non Stick/Support Ribs	PP-I	W	25.4	1.00	K600	152.8	6.02	0.0	0.00
Non Stick/Support Ribs	PP-I	W G	50.8	2.00	K600	152.8	6.02	0.0	0.00
	PA6	K							
Non Stick/Support Ribs	PP-I	G	50.8	2.00	K600	152.8	6.02	15.0	0.59
	PA6	K							
Non Stick/Support Ribs	PP-I	W G	76.2	3.00	K600	152.8	6.02	0.0	0.00
Non Stick/Support Ribs	PA6	K	76.2	3.00	K600	152.8	6.02	15.0	0.59
	PA6	K							

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

Accessories

Side Guard

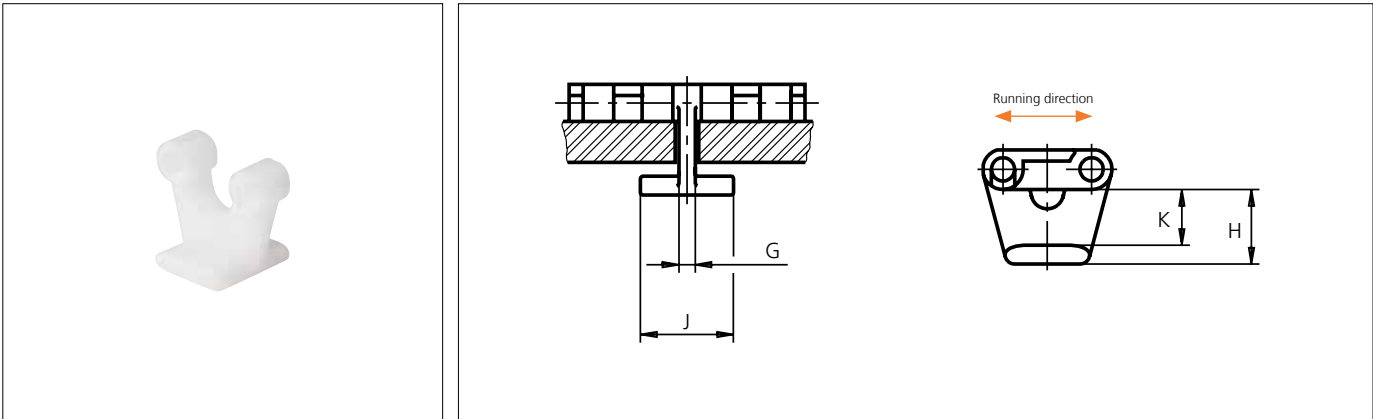


Type	Side Guard Material & color	H		A		B	
		mm	in	mm	in	mm	in
Closed	PP-I W G	31.4	1.24	15.0	0.59	25.0	0.98

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

Accessories

Tab



Type	Tab Material & color	G		J		K		H	
		mm	in	mm	in	mm	in	mm	in
Bottom Hold Down	POM-D W	3.5	0.14	20.0	0.79	11.7	0.46	15.9	0.63

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

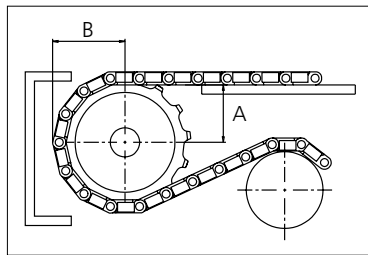
Sprocket

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	Molded PA6	Machined PA6	
	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					
Z07	x													42.6	1.68	43.9	1.73	30.0	1.18	15.4	0.61	26.3	1.04	x		x		
Z10	x													61.7	2.43	61.6	2.43	45.0	1.77	25.0	0.98	35.2	1.39	x		x		
Z17	x													105.0	4.13	103.7	4.08	65.0	2.56	46.6	1.83	56.2	2.21	x		x		
Z24	x													147.2	5.80	146.0	5.75	70.0	2.76	68.0	2.68	77.3	3.04	x		x		
Z25	x													153.3	6.04	152.0	5.98	70.0	2.76	71.0	2.80	80.3	3.16	x		x		

■ 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 = 4.8 mm (0.19 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 Light.
 For more detailed sprocket information, contact Customer Service.

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



Conveyor Belts



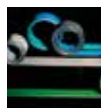
Seamless Belts



Modular Belts



Timing Belts



Transmission Belts



Fabrication & service

Expert advice, quality solutions and local service for all your belting needs
www.ammeraalbeltech.com

Ammeraal Beltech Modular A/S
 Hjulmagervej 21
 DK-7100 Vejle

T +45 7572 3100
 F +45 7572 3348
admin@unichains.com
www.unichains.com

This information is subject to alteration due to continuous development. Ammeraal Beltech will not be held liable for the incorrect use of the above stated information. This information replaces previous information. All activities performed and services rendered by Ammeraal Beltech are subject to general terms and conditions of sale and delivery, as applied by its operating companies.