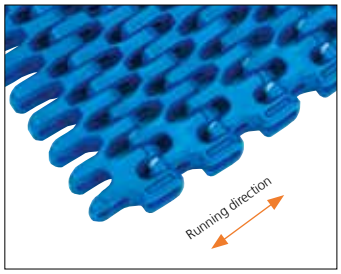
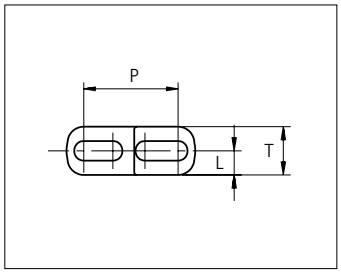
Plastic Modular Belt

Series **uni Flex SNB**

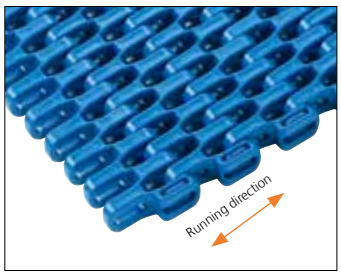
Ammeraal Beltech
Innovation & Service in Belting

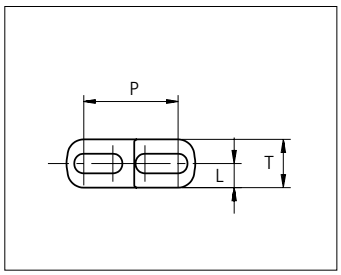




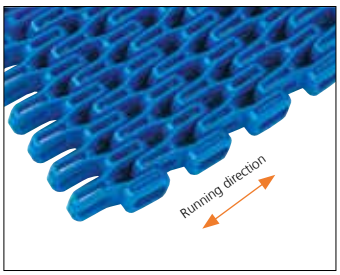
Sideflexing belt
Nominal pitch: 25.4 mm (1.00 in)
Surface type: Flat
Surface opening: 47%/55%
Backflex radius: 25.0 mm (0.98 in)
Pin diameter: 5.0 mm (0.20 in)
Min. inside radius: R1.6 x belt width. R2.3 x belt width

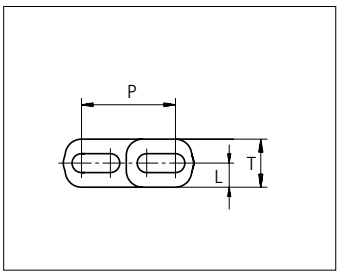
uni Flex SNB CR R1.6
Surface Opening: 47%



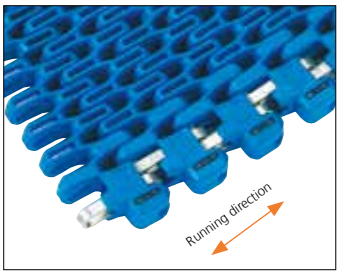


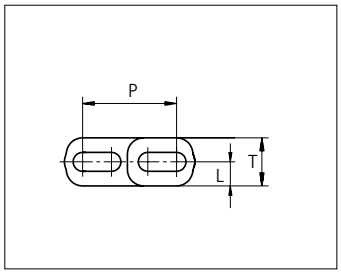
uni Flex SNB C R2.3
Surface Opening: 47%



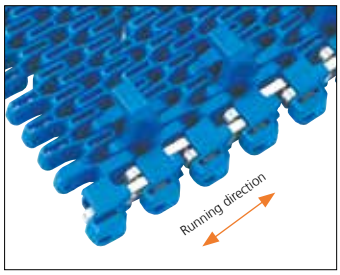


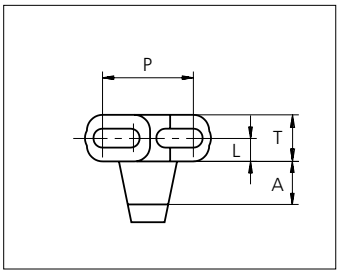
uni Flex SNB L R2.3
Surface Opening: 55%



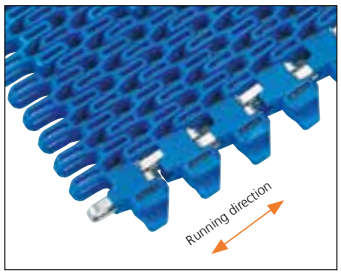


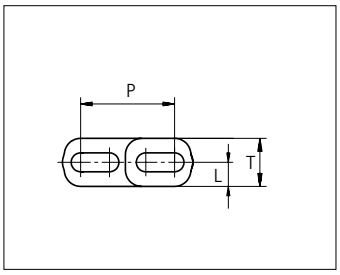
uni Flex SNB W R2.3
Surface Opening: 55%





uni Flex SNB WT R2.3
Surface Opening: 55%





uni Flex SNB WO R2.3
Surface Opening: 55%

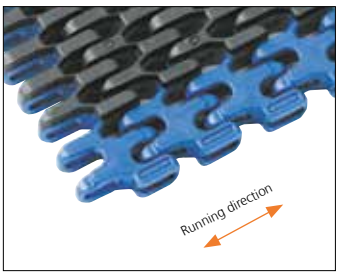
	mm	in		mm	in
P (Nominal)	25.4	1.00	**L**	6.5	0.26
A	12.0	0.47	**T**	13.0	0.51

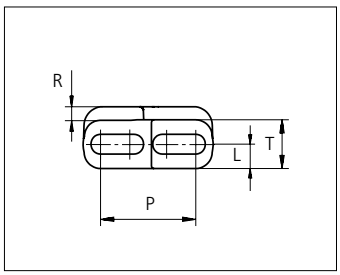
STANDARD

SIDE FLEXING

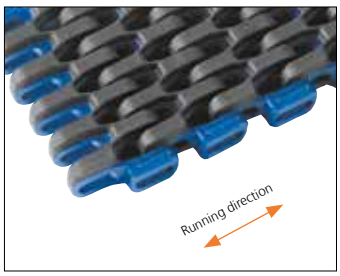
PITCH 25.4 MM/1.00 IN

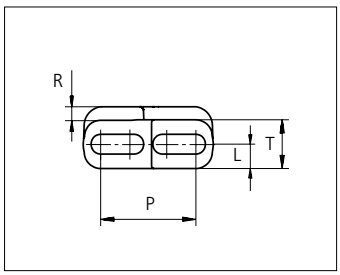
uni chains



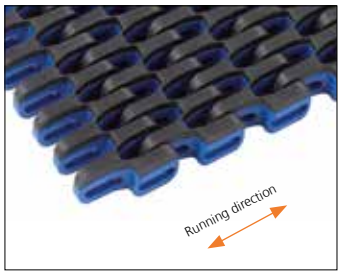


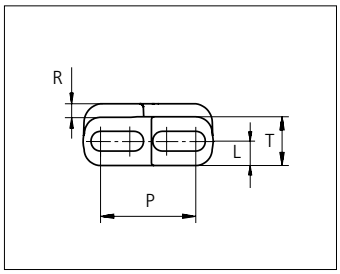
uni Flex SNB CR Rubber Top R1.6
Surface Opening: 47%





uni Flex SNB CI Rubber Top R2.3
Surface Opening: 47%





uni Flex SNB C Rubber Top R2.3
Surface Opening: 47%

	mm	in		mm	in
P (Nominal)	25.4	1.00	**R**	3.0	0.12
L	6.5	0.26	**T**	13.0	0.51

Indent uni Flex SNB CR Rubber Top R1.6 is 26.5 mm (1.04 in). uni Flex SNB CI Rubber Top R2.3 is 7.0 mm (0.28 in).
uni Flex SNB C Rubber Top R2.3 is available without indent.

Type	Belt materials and colors	Pin materials and colors
uni Flex SNB CR R1.6 **uni Flex SNB C R2.3** **uni Flex SNB L R2.3***	POM-D **B** **W**	PBT **LG**
	PP **B** **W**	
	PA6.6 **B** **W**	
uni Flex SNB W **uni Flex SNB WO**	PA6.6 **B** **W**	SS304
uni Flex SNB WT	PA6.6 **B** **W**	SS304
		PBT **LG**
uni Flex SNB CR Rubber Top R1.6 **uni Flex SNB CI Rubber Top R2.3** **uni Flex SNB C Rubber Top R2.3**	PP **B** + 03 **K**	PBT **LG**
	PP **W** + 03 **N**	

Standard materials and colors

Lockingplates PP **W** **B**

Wearpart and O-Tab PA6.6 **W** **B**

For high speed or load abrasive applications:

Wearpart and O-Tab POM-DK **Y**

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

Alternative pin materials: PA6.6 **B** **N**

uni Flex SNB CR R1.6

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/PBT				PP/PBT				PA6.6/PBT				POM-D /PBT		PP/PBT		PA6.6/PBT				
		Straight sections		Curve sections		Straight sections		Curve sections		Straight sections		Curve sections									**Carry (pcs)	**Return (pcs)
mm	in	N	lbf	N	lbf	N	lbf	N	lbf	N	lbf	N	lbf	kg/m	lb/ft	kg/m	lb/ft	kg/m	lb/ft			
153	6.0	4590	1032	600	135	2295	516	600	135	4590	1032	600	135	1.2	0.79	0.8	0.56	1.0	0.66	2	2	2
229	9.0	6870	1544	600	135	3435	772	600	135	6870	1544	600	135	1.8	1.19	1.2	0.83	1.5	0.98	2	2	2
305	12.0	9150	2057	600	135	4575	1028	600	135	9150	2057	600	135	2.3	1.58	1.6	1.11	2.0	1.31	3	3	2
381	15.0	11430	2569	600	135	5715	1285	600	135	11430	2569	600	135	2.9	1.97	2.1	1.38	2.4	1.64	3	3	2
457	18.0	13710	3082	600	135	6855	1541	600	135	13710	3082	600	135	3.5	2.36	2.5	1.66	2.9	1.97	5	4	2
534	21.0	16020	3601	600	135	8010	1801	600	135	16020	3601	600	135	4.1	2.76	2.9	1.94	3.4	2.30	5	4	2
610	24.0	18300	4114	600	135	9150	2057	600	135	18300	4114	600	135	4.7	3.16	3.3	2.21	3.9	2.62	5	5	3
686	27.0	20580	4626	600	135	10290	2313	600	135	20580	4626	600	135	5.3	3.55	3.7	2.49	4.4	2.95	5	5	3
762	30.0	22860	5139	600	135	11430	2569	600	135	22860	5139	600	135	5.9	3.94	4.1	2.77	4.9	3.28	7	6	3
838	33.0	25140	5651	600	135	12570	2826	600	135	25140	5651	600	135	6.5	4.34	4.5	3.04	5.4	3.60	7	6	3
914	36.0	27420	6164	600	135	13710	3082	600	135	27420	6164	600	135	7.0	4.73	4.9	3.32	5.8	3.93	7	7	4
990	39.0	29700	6677	600	135	14850	3338	600	135	29700	6677	600	135	7.6	5.12	5.3	3.59	6.3	4.26	7	7	4
1067	42.0	32010	7196	600	135	16005	3598	600	135	32010	7196	600	135	8.2	5.52	5.8	3.87	6.8	4.59	9	8	4
1143	45.0	34290	7708	600	135	17145	3854	600	135	34290	7708	600	135	8.8	5.91	6.2	4.15	7.3	4.92	9	8	4

Additional non-standard belt widths are available in steps of 12.7 mm (0.50 in).
General belt tolerance is +0/-0.4% at 23°C/73°F. For exact belt width contact Customer Service. Non standard belt width on request.
Flex SNB-CR locked with wearpart or O-tabs both sides are 6 mm wider than the dimensions in the table above.
*Max. Load per Drive Sprocket. Belt material: POM-D 1000 N (225 lbf). PP 850 N (191 lbf). PA6.6 1000 N (225 lbf).
**Max. Spacing between wear strips. Carry: 152.0 mm (6.00 in); Return: 304.0 mm (12.00 in).

uni Flex SNB C R2.3 / uni Flex SNB L R2.3

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/PBT				PP/PBT				PA6.6/PBT						PP/PBT		PA6.6/PBT				
		Straight sections		Curve sections		Straight sections		Curve sections		Straight sections		Curve sections									**Carry (pcs)	**Return (pcs)
mm	in	N	lbf	N	lbf	N	lbf	N	lbf	N	lbf	N	lbf	kg/m	lb/ft	kg/m	lb/ft	kg/m	lb/ft			
76	3.0	2280	513	1000	225	1140	256	600	135	2280	513	1000	225	0.5	0.35	0.4	0.25	0.4	0.30	2	2	2
152	6.0	4561	1025	1000	225	2281	513	600	135	4561	1025	1000	225	1.0	0.71	0.7	0.49	0.9	0.59	2	2	2
228	9.0	6842	1538	1000	225	3421	769	600	135	6842	1538	1000	225	1.6	1.06	1.1	0.74	1.3	0.89	2	2	2
304	12.0	9124	2051	1000	225	4562	1025	600	135	9124	2051	1000	225	2.1	1.41	1.5	0.98	1.8	1.19	3	3	2
380	15.0	11405	2564	1000	225	5702	1282	600	135	11405	2564	1000	225	2.6	1.76	1.8	1.23	2.2	1.48	3	3	2
456	18.0	13686	3077	1000	225	6843	1538	600	135	13686	3077	1000	225	3.1	2.12	2.2	1.47	2.6	1.78	5	4	2
532	21.0	15967	3589	1000	225	7984	1795	600	135	15967	3589	1000	225	3.7	2.47	2.6	1.72	3.1	2.07	5	4	2
608	23.9	18248	4102	1000	225	9124	2051	600	135	18248	4102	1000	225	4.2	2.82	2.9	1.96	3.5	2.37	5	5	3
684	26.9	20530	4615	1000	225	10265	2308	600	135	20530	4615	1000	225	4.7	3.17	3.3	2.21	4.0	2.67	5	5	3
760	29.9	22811	5128	1000	225	11405	2564	600	135	22811	5128	1000	225	5.2	3.53	3.6	2.45	4.4	2.96	7	6	3
836	32.9	25092	5641	1000	225	12546	2820	600	135	25092	5641	1000	225	5.8	3.88	4.0	2.70	4.9	3.26	7	6	3
912	35.9	27373	6153	1000	225	13687	3077	600	135	27373	6153	1000	225	6.3	4.23	4.4	2.94	5.3	3.56	7	7	4
988	38.9	29654	6666	1000	225	14827	3333	600	135	29654	6666	1000	225	6.8	4.58	4.7	3.19	5.7	3.85	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)																						
1597	62.9	47910	10770	1000	225	23955	5385	600	135	47910	10770	1000	225	11.0	7.41	7.7	5.15	9.3	6.22	11	11	6
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	59310	13333	1000	225	29655	6666	600	135	59310	13333	1000	225	13.6	9.17	9.5	6.38	11.5	7.71	15	14	7

General belt tolerance is +0/-0.4% at 23°C/73°F. For exact belt width contact Customer Service. Non standard belt width on request.
Flex SNB-L locked with wearpart or O-tabs both sides are 6 mm wider than the dimensions in the table above.
*Max. Load per Drive Sprocket. Belt material: POM-D 1000 N (225 lbf). PP 850 N (191 lbf). PA6.6 1000 N (225 lbf)
**Max. Spacing between wear strips. Carry: 152.0 mm (6.00 in); Return: 304.0 mm (12.00 in)

uni Flex SNB W R2.3 / uni Flex SNB WO R2.3

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/SS+ Reinforcement links				PP/SS+ Reinforcement links				PA6.6/SS+ Reinforcement links				POM-D/SS+ Reinforcement links		PP/SS+ Reinforcement links		PA6.6/SS+ Reinforcement links			**Carry (pcs)	**Return (pcs)
		Straight sections		Curve sections		Straight sections		Curve sections		Straight sections		Curve sections										
mm	in	N	lbf	N	lbf	N	lbf	N	lbf	N	lbf	N	lbf	kg/m	lb/ft	kg/m	lb/ft	kg/m	lb/ft			
235	9.3	7050	1585	3300	742	3525	792	3300	742	7050	1585	3300	742	2.8	1.91	2.4	1.58	2.6	1.74	2	2	2
311	12.2	9330	2097	3300	742	4665	1049	3300	742	9330	2097	3300	742	3.8	2.53	3.1	2.09	3.4	2.30	3	3	2
387	15.2	11610	2610	3300	742	5805	1305	3300	742	11610	2610	3300	742	4.7	3.15	3.9	2.60	4.3	2.86	3	3	2
463	18.2	13890	3122	3300	742	6945	1561	3300	742	13890	3122	3300	742	5.6	3.77	4.6	3.11	5.1	3.42	5	4	2
540	21.3	16200	3642	3300	742	8100	1821	3300	742	16200	3642	3300	742	6.5	4.39	5.4	3.63	5.9	3.99	5	4	2
616	24.3	18480	4154	3300	742	9240	2077	3300	742	18480	4154	3300	742	7.5	5.01	6.2	4.14	6.8	4.55	5	5	3
692	27.2	20760	4667	3300	742	10380	2333	3300	742	20760	4667	3300	742	8.4	5.63	6.9	4.65	7.6	5.12	5	5	3
768	30.2	23040	5179	3300	742	11520	2590	3300	742	23040	5179	3300	742	9.3	6.25	7.7	5.16	8.4	5.68	7	6	3
844	33.2	25320	5692	3300	742	12660	2846	3300	742	25320	5692	3300	742	10.2	6.86	8.4	5.67	9.3	6.24	7	6	3
920	36.2	27600	6204	3300	742	13800	3102	3300	742	27600	6204	3300	742	11.1	7.48	9.2	6.18	10.1	6.80	7	7	4
996	39.2	29880	6717	3300	742	14940	3359	3300	742	29880	6717	3300	742	12.1	8.10	10.0	6.69	11.0	7.36	7	7	4
1073	42.2	32190	7236	3300	742	16095	3618	3300	742	32190	7236	3300	742	13.0	8.73	10.7	7.21	11.8	7.93	9	8	4
1149	45.2	34470	7749	3300	742	17235	3874	3300	742	34470	7749	3300	742	13.9	9.34	11.5	7.72	12.6	8.49	9	8	4
1149	45.2	34470	7749	3300	742	17235	3874	3300	742	34470	7749	3300	742	13.9	9.34	11.5	7.72	12.6	8.49	9	8	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)																						
1606	63.2	48180	10831	3300	742	24090	5415	3300	742	48180	10831	3300	742	19.4	13.06	16.1	10.79	17.7	11.87	11	11	6
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)																						
1986	78.2	59580	13394	3300	742	29790	6697	3300	742	59580	13394	3300	742	24.0	16.15	19.9	13.35	21.8	14.68	15	14	7

General belt tolerance is +0/-0.4% at 23°C/73°F. For exact belt width contact Customer Service. Non standard belt width on request.
Outer modules are always in PA6.6 on belts wider than 234.0 mm (9.21 in).
Belts up to 234.0 mm (9.21 in) in width is only available in PA6.6.
*Max. Load per Drive Sprocket. Belt material: POM-D 1000 N (225 lbf). PP 850 N (191 lbf). PA6.6 1000 N (225 lbf).
**Max. Spacing between wear strips. Carry: 152.0 mm (6.00 in); Return: 304.0 mm (12.00 in).

uni Flex SNB WT R2.3 – PBT pins

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/PBT				PP/PBT				PA6.6/PBT				POM-D/PBT		PP/PBT		PA6.6/PBT			**Carry (pcs)	**Return (pcs)
		Straight sections		Curve sections		Straight sections		Curve sections		Straight sections		Curve sections										
mm	in	N	lbf	N	lbf	N	lbf	N	lbf	N	lbf	N	lbf	kg/m	lb/ft	kg/m	lb/ft	kg/m	lb/ft			
235	9.3	7050	1585	1000	225	3525	792	1000	225	7050	1585	1000	225	1.6	1.09	1.1	0.76	1.4	0.92	2	2	2
311	12.2	9330	2097	1000	225	4665	1049	1000	225	9330	2097	1000	225	2.1	1.44	1.5	1.00	1.8	1.21	3	3	2
387	15.2	11610	2610	1000	225	5805	1305	1000	225	11610	2610	1000	225	2.7	1.79	1.9	1.25	2.2	1.51	3	3	2
463	18.2	13890	3122	1000	225	6945	1561	1000	225	13890	3122	1000	225	3.2	2.15	2.2	1.49	2.7	1.80	5	4	2
540	21.3	16200	3642	1000	225	8100	1821	1000	225	16200	3642	1000	225	3.7	2.50	2.6	1.74	3.1	2.10	5	4	2
616	24.3	18480	4154	1000	225	9240	2077	1000	225	18480	4154	1000	225	4.3	2.86	3.0	1.99	3.6	2.40	5	5	3
692	27.2	20760	4667	1000	225	10380	2333	1000	225	20760	4667	1000	225	4.8	3.21	3.3	2.23	4.0	2.70	5	5	3
768	30.2	23040	5179	1000	225	11520	2590	1000	225	23040	5179	1000	225	5.3	3.56	3.7	2.48	4.5	2.99	7	6	3
844	33.2	25320	5692	1000	225	12660	2846	1000	225	25320	5692	1000	225	5.8	3.91	4.1	2.72	4.9	3.29	7	6	3
920	36.2	27600	6204	1000	225	13800	3102	1000	225	27600	6204	1000	225	6.3	4.27	4.4	2.97	5.3	3.59	7	7	4
996	39.2	29880	6717	1000	225	14940	3359	1000	225	29880	6717	1000	225	6.9	4.62	4.8	3.21	5.8	3.88	7	7	4
1073	42.2	32190	7236	1000	225	16095	3618	1000	225	32190	7236	1000	225	7.4	4.98	5.2	3.46	6.2	4.18	9	8	4
1149	45.2	34470	7749	1000	225	17235	3874	1000	225	34470	7749	1000	225	7.9	5.33	5.5	3.71	6.7	4.48	9	8	4
1225	48.2	36750	8261	1000	225	18375	4131	1000	225	36750	8261	1000	225	8.5	5.68	5.9	3.95	7.1	4.77	9	9	5
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).																						
1606	63.2	48180	10831	1000	225	24090	5415	1000	225	48180	10831	1000	225	11.1	7.45	7.7	5.18	9.3	6.26	11	11	6
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).																						
1986	78.2	59580	13394	1000	225	29790	6697	1000	225	59580	13394	1000	225	13.7	9.21	9.5	6.41	11.5	7.74	15	14	7

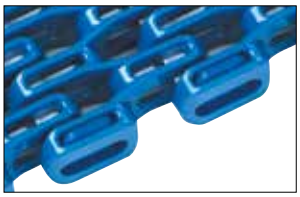
General belt tolerance is +0/-0.4% at 23°C/73°F. For exact belt width contact Customer Service. Non standard belt width on request.
Outer modules are always in PA6.6 on belts wider than 234.0 mm (9.21 in).
Belts up to 234.0 mm (9.21 in) in width is only available in PA6.6.
*Max. Load per Drive Sprocket. Belt material: POM-D 1000 N (225 lbf). PP 850 N (191 lbf). PA6.6 1000 N (225 lbf).
**Max. Spacing between wear strips. Carry: 152.0 mm (6.00 in); Return: 304.0 mm (12.00 in).

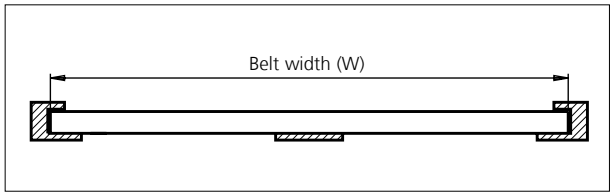
uni Flex SNB WT R2.3 – SS pins

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/SS +Reinforcement links				PP/SS +Reinforcement links				PA6.6/SS +Reinforcement links				POM-D/SS+ Reinforce-ment links		PP/SS+ Reinforce-ment links		PA6.6/SS+ Reinforce-ment links			**Carry (pcs)	**Return (pcs)
		Straight sections		Curve sections		Straight sections		Curve sections		Straight sections		Curve sections										
mm	in	N	lbf	N	lbf	N	lbf	N	lbf	N	lbf	N	lbf	kg/m	lb/ft	kg/m	lb/ft	kg/m	lb/ft			
235	9.3	7050	1585	3300	742	3525	792	3300	742	7050	1585	3300	742	2.8	1.91	2.4	1.58	2.6	1.74	2	2	2
311	12.2	9330	2097	3300	742	4665	1049	3300	742	9330	2097	3300	742	3.8	2.53	3.1	2.09	3.4	2.30	3	3	2
387	15.2	11610	2610	3300	742	5805	1305	3300	742	11610	2610	3300	742	4.7	3.15	3.9	2.60	4.3	2.86	3	3	2
463	18.2	13890	3122	3300	742	6945	1561	3300	742	13890	3122	3300	742	5.6	3.77	4.6	3.11	5.1	3.42	5	4	2
540	21.3	16200	3642	3300	742	8100	1821	3300	742	16200	3642	3300	742	6.5	4.39	5.4	3.63	5.9	3.99	5	4	2
616	24.3	18480	4154	3300	742	9240	2077	3300	742	18480	4154	3300	742	7.5	5.01	6.2	4.14	6.8	4.55	5	5	3
692	27.2	20760	4667	3300	742	10380	2333	3300	742	20760	4667	3300	742	8.4	5.63	6.9	4.65	7.6	5.12	5	5	3
768	30.2	23040	5179	3300	742	11520	2590	3300	742	23040	5179	3300	742	9.3	6.25	7.7	5.16	8.4	5.68	7	6	3
844	33.2	25320	5692	3300	742	12660	2846	3300	742	25320	5692	3300	742	10.2	6.86	8.4	5.67	9.3	6.24	7	6	3
920	36.2	27600	6204	3300	742	13800	3102	3300	742	27600	6204	3300	742	11.1	7.48	9.2	6.18	10.1	6.80	7	7	4
996	39.2	29880	6717	3300	742	14940	3359	3300	742	29880	6717	3300	742	12.1	8.10	10.0	6.69	11.0	7.36	7	7	4
1073	42.2	32190	7236	3300	742	16095	3618	3300	742	32190	7236	3300	742	13.0	8.73	10.7	7.21	11.8	7.93	9	8	4
1149	45.2	34470	7749	3300	742	17235	3874	3300	742	34470	7749	3300	742	13.9	9.34	11.5	7.72	12.6	8.49	9	8	4
1225	48.2	36750	8261	3300	742	18375	4131	3300	742	36750	8261	3300	742	14.8	9.96	12.3	8.23	13.5	9.06	9	9	5
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).																						
1606	63.2	48180	10831	3300	742	24090	5415	3300	742	48180	10831	3300	742	19.4	13.06	16.1	10.79	17.7	11.87	11	11	6
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).																						
1986	78.2	59580	13394	3300	742	29790	6697	3300	742	59580	13394	3300	742	24.0	16.15	19.9	13.35	21.8	14.68	15	14	7

General belt tolerance is +0/-0.4% at 23°C/73°F. For exact belt width contact Customer Service. Non standard belt width on request.
Outer modules are always in PA6.6 on belts wider than 234.0 mm (9.21 in).
Belts up to 234.0 mm (9.21 in) in width is only available in PA6.6.
*Max. Load per Drive Sprocket. Belt material: POM-D 1000 N (225 lbf). PP 850 N (191 lbf). PA6.6 1000 N (225 lbf).
**Max. Spacing between wear strips. Carry: 152.0 mm (6 in); Return: 304.0 mm (12 in).

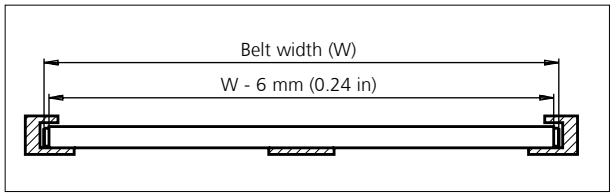
Belt Tracking og Control Systems





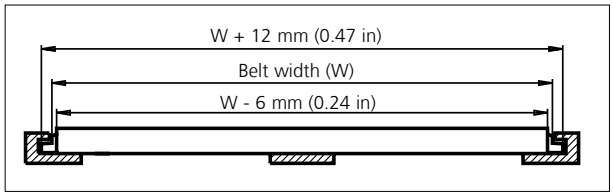
Basic belt types can be combined with the belt tracking and control systems below to enhance performance. Basic belt types can be combined with the belt tracking and control systems below to enhance performance.

uni Flex SNB L R2.3
Standard



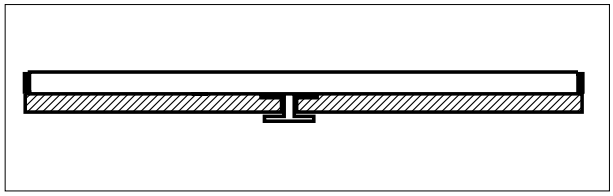
Wearpart system made of heat and wear resistant nylon to reduce the friction between belt edge and wearstrip. Only this part needs to be replaced when it has been worn out. not the entire belt.

Wearpart



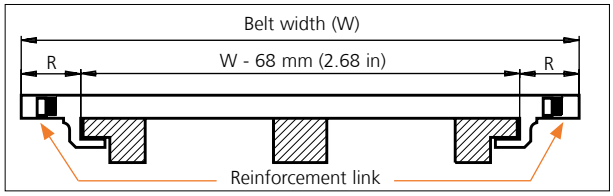
Outer edge tab system made of heat and wear resistant nylon to reduce the friction between belt edge and wearstrip. Using a slotted wear-strip. the O-Tab will track the belt and allow the conveyed products to be wider than the belt.
Height of O-Tab: 6.4 mm (0.25 in)
Height of slot: 8.0 mm (0.31 in)

O-Tab



Intermediate tabs (I-Tab) are placed on the bottom side of the belt to hold it down on incline conveyors. The intermediate tabs will fit anywhere across the belt bottom and at pitch multiples of 12.7 mm (0.50 in).

I-Tab



Side tab (S-Tab) for holding the belt down. Normally used for wide belts. With S-Tabs. Ammerral Beltech modular A/S recommend that the radial forces in the curve are transferred by the inside edge of the belt – similar to uni Flex SNB L and uni Flex SNB W.

R = 34.0 mm (1.34 in).

S-Tab

Type	Belt tracking and control combination			
	Wearpart	O-Tab	S-Tab	I-Tab
uni Flex SNB L R2.3	+	+	-	+
uni Flex SNB CR R1.6 uni Flex SNB C R2.3	+	+	-	-
uni Flex SNB W R2.3	✓	-	-	+
uni Flex SNB WT R2.3	-	-	✓	+
uni Flex SNB WO R2.3	-	✓	-	+

When using S-Tabs. please verify sufficient clearance to the shaft. Max. shaft diameter = Sprocket pitch diameter - 50.8 mm (2.00 in).

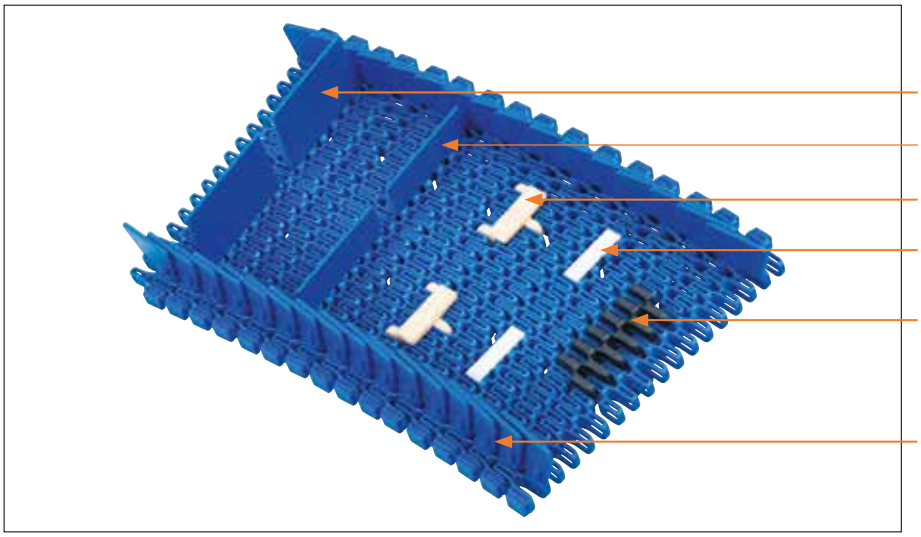
When using square shafts. please verify that the diagonal does not exceed max. diameter.

Example: Sprocket z = 10: Max. shaft diameter 82.2 - 50.8 = ø31 mm (3.24 - 2.00 = ø1.2 in).

✓ *Standard* + *Optional*

\- *Unavailable*

Accessories



Accessories

Side Guard / Standard

Type	Belt material & color	Height	
		mm	in
Side Guard	PP-I B W	30.0	1.18

Accessories

Flight / Standard

Type	Belt material & color	Link size	Height		Width	
			mm	in	mm	in
Click on Flight Flat	PA6.6 B W	K300	25.4	1.00	75.9	2.99
	PP B W		50.8	2.00	75.9	2.99

Support / MTO

Type	Support material & color	H		Width		Length	
		mm	in	mm	in	mm	in
Rubber Support	01 N	4.0	0.16	43.0	1.69	14.0	0.55
Click on Flight Low	POM-D N	4.0	0.16	42.0	1.65	10.5	0.41

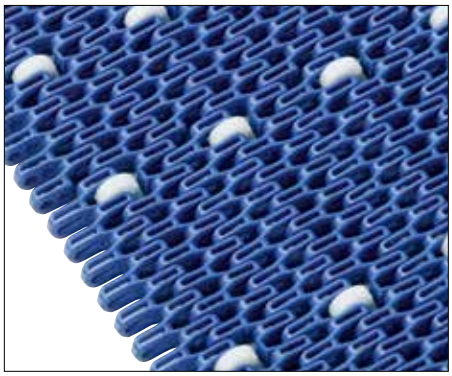
Accessories

Minimum Indents (I)

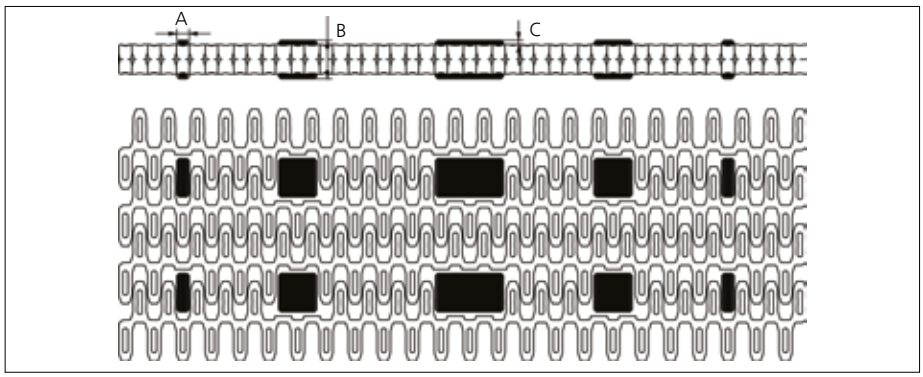
Type	Rubber Top				Side Guard				Click on Flights without Side Guard				Click on Flights with Side Guard			
	Left		Right		Left		Right		Left		Right		Left		Right	
	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in
uni Flex SNB CR R1.6	26.5	1.04	26.5	1.04	-	-	-	-	-	-	-	-	-	-	-	-
uni Flex SNB L R2.3	-	-	-	-	23.0	0.91	17.0	0.67	10.0	0.39	16.0	0.63	26.0	1.02	32.0	1.26
uni Flex SNB C R2.3	6.5	0.26	6.5	0.26	-	-	-	-	-	-	-	-	-	-	-	-
uni Flex SNB W R2.3	75.9	2.99	75.9	2.99	38.0	1.50	32.0	1.26	38.0	1.50	32.0	1.26	54.0	2.13	48.0	1.89
uni Flex SNB WO R2.3	75.9	2.99	75.9	2.99	38.0	1.50	32.0	1.26	38.0	1.50	32.0	1.26	54.0	2.13	48.0	1.89
uni Flex SNB WT R2.3*	75.9	2.99	75.9	2.99	63.0	2.48	58.0	2.28	38.0	1.50	32.0	1.26	79.0	3.11	74.0	2.91
uni Flex SNB WT R2.3**	75.9	2.99	75.9	2.99	63.0	2.48	58.0	2.28	51.0	2.01	45.0	1.77	79.0	3.11	74.0	2.91

* Even distance between Click on Flight rows
** Odd distance between Click on Flight rows

Made-To-Order Selection



uni Flex SNB with Rollers
ø17 x 5.5 mm (ø0.67 x 0.22 in)



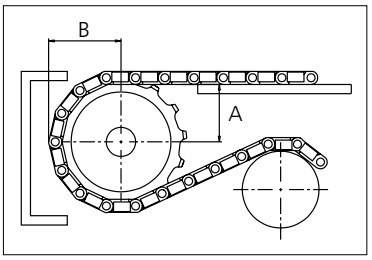
Made-To-Oder Materials: POM-D. PP. PA6.6 and Roller Material POM-D.
Non standard Roller material and color: See uni Material and Color verview.

Type	Roller material & color	A		B		C	
		mm	in	mm	in	mm	in
Plastic	POM-D W	5.5	0.22	17.0	0.67	2.0	0.08
		17.0	0.67				
		30.0	1.18				

Sprocket

No. of teeth	Bore size													Overall diameter		Pitch diameter		Hub diameter		Dimension A		Dimension B		Single row/Two way	Double row/Two way	PA6 LG Molded	PA6 N Machined
	Pilot Bore	in	0.75	0.79	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	63.5	90.0	mm	in	mm	in	mm	in	mm	in	mm	in				
Z09	x				■	● ■	●	●						73.8	2.91	74.3	2.93	56.8	2.24	28.4	1.12	43.5	1.71	x		x	
Z10	x				■	● ■	●	●		●				82.2	3.24	82.2	3.24	65.2	2.57	32.6	1.28	47.5	1.87	x		x	
Z12	x					●	●	●	■	● ■				98.8	3.89	98.1	3.86	70.0	2.76	40.9	1.61	55.5	2.19	x		x	
Z15	x					●	●	●	■	● ■				123.5	4.86	122.2	4.81	70.0	2.76	53.2	2.09	67.5	2.66	x		x	
Z18	x						●	●	● ■	● ■				148.1	5.83	146.3	5.76	70.0	2.76	65.5	2.58	79.6	3.13	x		x	
Z19	x						●	●	● ■	●				156.2	6.15	154.3	6.07	70.0	2.76	69.6	2.74	83.6	3.29	x		x	

■ **Molded sprocket** ● **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.
Other bore sizes are available upon request.
uni Retainer Rings: See uni Retainer Ring data sheet.
Width of tooth = 4.0 mm (0.16 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 Flex ASB.
For more detailed sprocket information. contact Customer Service.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