

Paso de 50.8 mm (2.00 pulgadas)



uni MPB – La banda modular plástica más higiénica del mundo

La uni MPB es la banda modular de plástico de tramo recto y paso de 2 pulgadas más higiénica del mundo y ha obtenido las autorizaciones más actualizadas de la NSF/USDA. Esta banda se usa en varias aplicaciones alimentarias y se suministra en distintos estilos, desde cerrada o abierta, hasta con rodillos o Sup. superior de goma.

La banda uni MPB es la preferida en las siguientes industrias/aplicaciones:

- Cárnica (ternera y cerdo), incluyendo líneas de deshuesado, corte de grasa, líneas de

desviscerado, transporte de desechos, empaquetado y transportadores inclinados

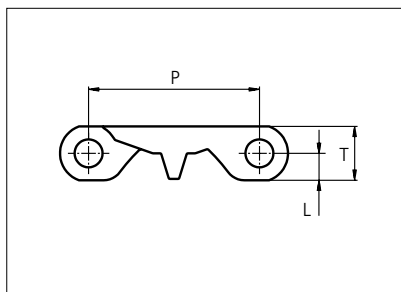
- Avícola, incluyendo líneas de jaulas, deshuesado, corte de grasa, transporte de desechos, clasificado, empaquetado y transportadores inclinados
- Fruta y verdura, incluyendo elevadores, pelado al vapor, mesas de inspección, escaldadores y líneas de empaquetado
- Marisco, incluyendo alimentación a granel, elevadores, mesas de inspección, clasificado, glaseado, enfriado y congelación
- Aperitivos, incluyendo descarga de la freidora y aplicaciones con inclinación

Características del producto y ventajas de funcionamiento:

- La banda con uni Single Link® (no modular) es fácil de limpiar y reduce hasta un 70% los tiempos muertos dedicados a limpieza
- La banda Single Link® reduce el crecimiento de bacterias y elimina el peligro de que los cuchillos queden trabados en las juntas direccionales de la banda
- Sistema de cierre único (lockpin)
- Sistema de engranaje único
- Soportes fuertes y gruesos que soportan más carga sin roturas
- Superficies deslizantes y antideslizantes que permiten optimizar el movimiento del producto

Plastic Modular Belt

Series **uni MPB** Type **C**



Straight running belt
Nominal pitch: 50.8 mm (2.00 in)
Surface type: Flat
Surface opening: Closed
Backflex radius: 65.0 mm (2.6 in)
Pin diameter: 8 mm (0.31 in)

Belt material & color	POM-DI W B	PP W B	NBWR W	PE-I N B		mm	in		mm	in
Pin material & color	 PP W  PE W				P (Nominal)	50.8	2.00	T	16.0	0.63
					L	8.0	0.31	-	-	-

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

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

Lockpin: PA6.6 B PBT LG

Trilock: PA6.6 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-DI/PP		PP/PP		PE-I/PE		NBWR/PP		POM-DI/PP		PP/PP		PE-I/PE		NBWR/PP			**Carry (pcs)	**Return (pcs)
mm	in	N	lbf	N	lbf	N	lbf	N	lbf	Kg/m	lb/ft	Kg/m	lb/ft	Kg/m	lb/ft	Kg/m	lb/ft			
68	2.7	1870	420	1088	245	884	199	561	126	0.8	0.54	0.6	0.38	0.6	0.40	0.7	0.44	2	2	2
84	3.3	2306	518	1341	302	1090	245	692	155	1.0	0.67	0.7	0.47	0.7	0.50	0.8	0.54	2	2	2
151	5.9	4153	933	2416	543	1963	441	1246	280	1.8	1.21	1.3	0.84	1.3	0.89	1.4	0.97	2	2	2
168	6.6	4620	1039	2688	604	2184	491	1386	312	2.0	1.34	1.4	0.94	1.5	0.99	1.6	1.08	2	2	2
185	7.3	5088	1144	2960	665	2405	541	1526	343	2.2	1.48	1.5	1.03	1.6	1.09	1.8	1.19	2	2	2
202	8.0	5555	1249	3232	727	2626	590	1667	375	2.4	1.62	1.7	1.13	1.8	1.19	1.9	1.30	2	2	2
219	8.6	6023	1354	3504	788	2847	640	1807	406	2.6	1.75	1.8	1.22	1.9	1.30	2.1	1.41	2	2	2
235	9.3	6463	1453	3760	845	3055	687	1939	436	2.8	1.88	2.0	1.31	2.1	1.39	2.3	1.52	2	2	2

Additional standard belt widths are available in steps of 16.8 mm (0.66 in).

655	25.8	18013	4049	10480	2356	8515	1914	5404	1215	7.8	5.24	5.4	3.65	5.8	3.87	6.3	4.23	5	5	3
672	26.5	18480	4154	10752	2417	8736	1964	5544	1246	8.0	5.37	5.6	3.75	5.9	3.97	6.5	4.34	5	5	3
688	27.1	18920	4253	11008	2475	8944	2011	5676	1276	8.2	5.50	5.7	3.84	6.1	4.07	6.6	4.44	5	5	3
705	27.8	19388	4358	11280	2536	9165	2060	5816	1307	8.4	5.64	5.9	3.93	6.2	4.17	6.8	4.55	5	5	3
722	28.4	19855	4463	11552	2597	9386	2110	5957	1339	8.6	5.77	6.0	4.03	6.4	4.27	6.9	4.66	5	5	3

Additional standard belt widths are available in steps of 16.8 mm (0.66 in).

1963	77.3	53983	12135	31408	7061	25519	5737	16195	3641	23.4	15.70	16.3	10.95	17.3	11.61	18.8	12.66	14	14	7
------	------	-------	-------	-------	------	-------	------	-------	------	------	-------	------	-------	------	-------	------	-------	----	----	---

Additional standard belt widths are available in steps of 16.8 mm (0.66 in).

2970	116.9	81675	18361	47520	10682	38610	8680	24503	5508	35.3	23.75	24.7	16.57	26.1	17.56	28.5	19.16	20	20	10
------	-------	-------	-------	-------	-------	-------	------	-------	------	------	-------	------	-------	------	-------	------	-------	----	----	----

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.

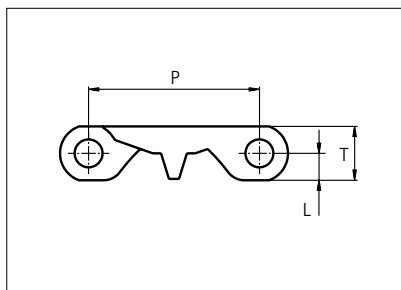
*Max. Load per Drive Sprocket. Belt material: POM-DI with snub roller 2000 N (450 lbf) without snub roller 1250 N (281 lbf).

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

= Single Link

Plastic Modular Belt

Series **uni MPB** Type **16%**



Straight running belt
Nominal pitch: 50.8 mm (2.00 in)
Surface type: Flat
Surface opening: 16%
Backflex radius: 65.0 mm (2.60 in)
Pin diameter: 8.0 mm (0.31 in)

Belt material & color	PP W		mm	in		mm	in
Pin material & color	PP W	P (Nominal)	50.8	2.00	T	16.0	0.63
		L	8.0	0.31	-	-	-

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

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

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.)	
		PP/PP		PE-I/PE		PP/PP		PE-I/PE			**Carry (pcs)	**Return (pcs)
mm	in	N	lbf	N	lbf	Kg/m	lb/ft	Kg/m	lb/ft			
152	6.0	2432	547	1976	444	1.1	0.77	1.2	0.82	2	2	2
202	8.0	3232	727	2626	590	1.5	1.02	1.6	1.09	2	2	2
253	10.0	4048	910	3289	739	1.9	1.28	2.0	1.36	2	2	2
303	11.9	4848	1090	3939	885	2.3	1.53	2.4	1.63	3	3	2
354	13.9	5664	1273	4602	1035	2.7	1.78	2.8	1.90	3	3	2
404	15.9	6464	1453	5252	1181	3.0	2.04	3.2	2.17	3	3	2
455	17.9	7280	1637	5915	1330	3.4	2.29	3.6	2.45	4	4	2
505	19.9	8080	1816	6565	1476	3.8	2.55	4.0	2.72	4	4	2
556	21.9	8896	2000	7228	1625	4.2	2.80	4.4	2.99	4	4	2
606	23.9	9696	2180	7878	1771	4.5	3.05	4.8	3.26	5	5	3
657	25.9	10512	2363	8541	1920	4.9	3.31	5.3	3.53	5	5	3
707	27.8	11312	2543	9191	2066	5.3	3.56	5.7	3.80	5	5	3
758	29.8	12128	2726	9854	2215	5.7	3.82	6.1	4.08	6	6	3

Additional standard belt widths are available in steps of 50.3 mm (1.98 in) Additional non-standard belt widths are available in steps of 16.8 mm (0.66 in.)

1970	77.6	31520	7086	25610	5757	14.8	9.93	15.8	10.59	14	14	7
------	------	-------	------	-------	------	------	------	------	-------	----	----	---

Additional standard belt widths are available in steps of 50.3 mm (1.98 in) Additional non-standard belt widths are available in steps of 16.8 mm (0.66 in.)

2979	117,3	47664	10715	38727	8706	22,3	15,02	23,8	16,02	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.

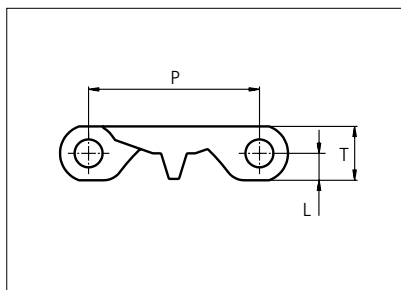
*Max. Load per Drive Sprocket. Belt material: PP with snub roller 2000 N (450 lbf) without snub roller 1250 N (281 lbf).

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

= Single Link

Plastic Modular Belt

Series **uni MPB** Type **18%**



Straight running belt
Nominal pitch: 50.8 mm (2.00 in)
Surface type: Flat
Surface opening: 18%
Backflex radius: 65.0 mm (2.6 in)
Pin diameter: 8 mm (0.31 in)

Belt material & color	POM-DI W	PP W B	PE-I N	PP-HW LB		mm	in		mm	in
					P (Nominal)	50.8	2.00	T	16.0	0.63
Pin material & color	 PP W		 PE W	 PP-HW LB		L	8.0	0.31	-	-

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

Alternative pin and lock materials: Pin: PA6.6 **N** PP **W** PE **W** PBT **LG** SS304 Lockpin: PA6.6 **B** PBT **LG** Trilock: PA6.6 **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-DI/PP		PP/PP PP-HW/PP-HW		PE-I/PE		POM-DI/PP		PP/PP PP-HW/PP-HW		PE-I/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			
68	2.7	1870	420	1088	245	884	199	0.8	0.51	0.5	0.34	0.5	0.37	2	2	2
84	3.3	2307	519	1342	302	1091	245	0.9	0.63	0.6	0.42	0.7	0.45	2	2	2
151	5.9	4153	933	2416	543	1963	441	1.7	1.13	1.1	0.76	1.2	0.81	2	2	2
185	7.3	5075	1141	2953	664	2399	539	2.0	1.38	1.4	0.93	1.5	0.99	2	2	2
202	8.0	5555	1249	3232	727	2626	590	2.2	1.51	1.5	1.02	1.6	1.09	2	2	2
252	9.9	6930	1558	4032	906	3276	736	2.8	1.88	1.9	1.27	2.0	1.35	2	2	2
302	11.9	8305	1867	4832	1086	3926	883	3.4	2.25	2.3	1.52	2.4	1.62	3	3	2
353	13.9	9708	2182	5648	1270	4589	1032	3.9	2.63	2.6	1.78	2.8	1.90	3	3	2
403	15.9	11083	2491	6448	1450	5239	1178	4.5	3.01	3.0	2.03	3.2	2.17	3	3	2
453	17.8	12458	2800	7248	1629	5889	1324	5.0	3.38	3.4	2.28	3.6	2.44	4	4	2
504	19.8	13860	3116	8064	1813	6552	1473	5.6	3.76	3.8	2.54	4.0	2.71	4	4	2
554	21.8	15235	3425	8864	1993	7202	1619	6.1	4.13	4.2	2.79	4.4	2.98	4	4	2

Additional standard belt widths are available in steps of 50.3 mm (1.98 in.) Additional non-standard belt widths are available in steps of 16.8 mm (0.66 in.)

1963	77.3	53983	12135	31408	7061	25519	5737	21.8	14.64	14.7	9.89	15.7	10.55	14	14	7
------	------	-------	-------	-------	------	-------	------	------	-------	------	------	------	-------	----	----	---

Additional standard belt widths are available in steps of 50.3 mm (1.98 in.) Additional non-standard belt widths are available in steps of 16.8 mm (0.66 in.)

2970	116.9	81675	18361	47520	10682	38610	8680	33.0	22.16	22.3	14.97	23.8	15.97	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.

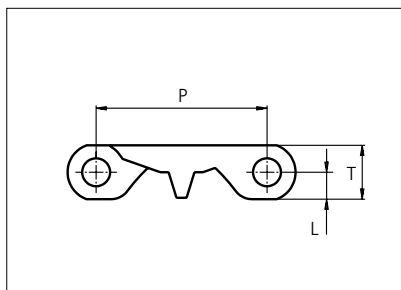
*Max. Load per Drive Sprocket. Belt material: POM-DI with snub roller 2000 N (450 lbf) without snub roller 1250 N (281 lbf).

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

 = Single Link

Plastic Modular Belt

Series **uni MPB** Type **20%**



Straight running belt
Nominal pitch: 50.8 mm (2.00 in)
Surface type: Flat
Surface opening: 20%
Backflex radius: 65.0 mm (2.6 in)
Pin diameter: 8 mm (0.31 in)

Belt material & color	PP W	PE-I 		mm	in		mm	in
			P (Nominal)	50.8	2.00	T	16.0	0.63
Pin material & color	 PP W	 PE W	L	8.0	0.31	-	-	-

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

Alternative pin and lock materials: Pin: PA6.6 **N** PP **W** PE **W** PBT **LG** SS304 Lockpin: PA6.6 **B** PBT **LG** Trilock: PA6.6 **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.)	
		PP/PP		PE-I/PE		PP/PP		PE-I/PE			**Carry (pcs)	**Return (pcs)
mm	in	N	lbf	N	lbf	kg/m	lb/ft	kg/m	lb/ft			
68	2.7	1088	245	884	199	0.5	0.34	0.5	0.36	2	2	2
84	3.3	1341	302	1090	245	0.6	0.42	0.7	0.45	2	2	2
151	5.9	2416	543	1963	441	1.1	0.75	1.2	0.80	2	2	2
185	7.3	2953	664	2399	539	1.4	0.92	1.5	0.98	2	2	2
202	8.0	3232	727	2626	590	1.5	1.00	1.6	1.07	2	2	2
252	9.9	4032	906	3276	736	1.9	1.25	2.0	1.34	2	2	2
302	11.9	4832	1086	3926	883	2.2	1.50	2.4	1.60	3	3	2
353	13.9	5648	1270	4589	1032	2.6	1.76	2.8	1.87	3	3	2
403	15.9	6448	1450	5239	1178	3.0	2.00	3.2	2.14	3	3	2
453	17.8	7248	1629	5889	1324	3.4	2.25	3.6	2.41	4	4	2
504	19.8	8064	1813	6552	1473	3.7	2.51	4.0	2.68	4	4	2
554	21.8	8864	1993	7202	1619	4.1	2.76	4.4	2.94	4	4	2
604	23.8	9664	2172	7852	1765	4.5	3.00	4.8	3.21	5	5	3

Additional standard belt widths are available in steps of 50.3 mm (1.98 in.) Additional non-standard belt widths are available in steps of 16.8 mm (0.66 in).

1963	77.3	31408	7061	25519	5737	14.5	9.76	15.5	10.42	14	14	7
------	------	-------	------	-------	------	------	------	------	-------	----	----	---

Additional standard belt widths are available in steps of 50.3 mm (1.98 in.) Additional non-standard belt widths are available in steps of 16.8 mm (0.66 in).

2970	116.9	47520	10682	38610	8680	22.0	14.77	23.5	15.77	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.

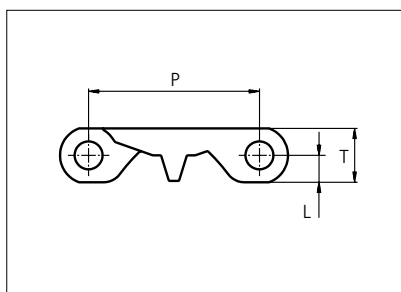
*Max. Load per Drive Sprocket. Belt material: PP with snub roller 2000 N (450 lbf) without snub roller 1250 N (281 lbf).

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

= Single Link

Plastic Modular Belt

Series **uni MPB** Type **22%**



Straight running belt
Nominal pitch: 50.8 mm (2.00 in)
Surface type: Flat
Surface opening: 22%
Backflex radius: 65.0 mm (2.6 in)
Pin diameter: 8 mm (0.31 in)

Belt material & color	PP W	PE-I  B		mm	in		mm	in
			P (Nominal)	50.8	2.00	T	16.0	0.63
Pin material & color	 PP W	 PE W						
			L	8.0	0.31	-	-	-

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

Alternative pin and lock materials: Pin: PA6.6 **N** PP **W** PE **W** PBT **LG** SS304 Lockpin: PA6.6 **B** PBT **LG** Trilock: PA6.6 **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.)	
		PP/PP		PE-I/PE		PP/PP		PE-I/PE			**Carry (pcs)	**Return (pcs)
mm	in	N	lbf	N	lbf	kg/m	lb/ft	kg/m	lb/ft			
84	3.3	1341	302	1090	245	0.6	0.41	0.6	0.43	2	2	2
151	5.9	2416	543	1963	441	1.1	0.73	1.1	0.77	2	2	2
185	7.3	2953	664	2399	539	1.3	0.89	1.4	0.94	2	2	2
202	8.0	3232	727	2626	590	1.5	0.98	1.5	1.03	2	2	2
252	9.9	4032	906	3276	736	1.8	1.22	1.9	1.29	2	2	2
302	11.9	4832	1086	3926	883	2.2	1.46	2.3	1.54	3	3	2
353	13.9	5648	1270	4589	1032	2.5	1.71	2.7	1.80	3	3	2
403	15.9	6448	1450	5239	1178	2.9	1.95	3.1	2.06	3	3	2
453	17.8	7248	1629	5889	1324	3.3	2.19	3.4	2.31	4	4	2
504	19.8	8064	1813	6552	1473	3.6	2.44	3.8	2.57	4	4	2
554	21.8	8864	1993	7202	1619	4.0	2.68	4.2	2.83	4	4	2
604	23.8	9664	2172	7852	1765	4.3	2.92	4.6	3.08	5	5	3
655	25.8	10480	2356	8515	1914	4.7	3.17	5.0	3.35	5	5	3

Additional standard belt widths are available in steps of 50.3 mm (1.98 in.) Additional non-standard belt widths are available in steps of 16.8 mm (0.66 in).

1963	77.3	31408	7061	25519	5737	14.1	9.50	14.9	10.03	14	14	7
------	------	-------	------	-------	------	------	------	------	-------	----	----	---

Additional standard belt widths are available in steps of 50.3 mm (1.98 in.) Additional non-standard belt widths are available in steps of 16.8 mm (0.66 in).

2970	116.9	47520	10682	38610	8680	21.4	14.37	22.6	15.17	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.

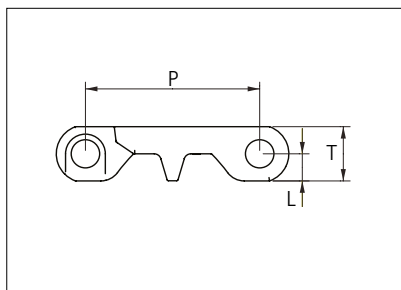
*Max. Load per Drive Sprocket. Belt material: PP with snub roller 2000 N (450 lbf) without snub roller 1250 N (281 lbf)

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

= Single Link

Plastic Modular Belt

Series **uni MPB** Type **25%**



Straight running belt
Nominal pitch: 50.8 mm (2.00 in)
Surface type: Flat
Surface opening: 25%
Backflex radius: 65.0 mm (2.6 in)
Pin diameter: 8.0 mm (0.31 in)

Belt material & color	POM-DI W	PP W	PE-I N	PE-I B		mm	in		mm	in
Pin material & color	PP W	PE W	PE B		P (Nominal)	50.8	2.00	T	16.0	0.63
					L	8.0	0.31	-	-	-

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

Belt width		Permissible tensile force (Belt/pin material)						Belt weight (Belt/pin material)						*Min No drive sprocket per haft	Number of wear strips (min no)	
		POM-DI/PP		PP/PP		PE-I/PE		POM-DI/PP		PP/PP		PE-I/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			
152	6.0	4180	940	2432	547	1976	444	1.6	1.05	1.1	0.74	1.2	0.78	2	2	2
202	8.0	5555	1249	3232	727	2626	590	2.1	1.40	1.5	0.98	1.5	1.03	2	2	2
252	9.9	6930	1558	4032	906	3276	736	2.6	1.74	1.8	1.22	1.9	1.29	2	2	2
303	11.9	8333	1873	4848	1090	3939	885	3.1	2.10	2.2	1.47	2.3	1.55	3	3	2
353	13.9	9708	2182	5648	1270	4589	1032	3.6	2.44	2.5	1.71	2.7	1.80	3	3	2
403	15.9	11083	2491	6448	1450	5239	1178	4.2	2.79	2.9	1.95	3.1	2.06	3	3	2
454	17.9	12485	2807	7264	1633	5902	1327	4.7	3.14	3.3	2.20	3.5	2.32	4	4	2
504	19.8	13860	3116	8064	1813	6552	1473	5.2	3.49	3.6	2.44	3.8	2.57	4	4	2
554	21.8	15235	3425	8864	1993	7202	1619	5.7	3.83	4.0	2.68	4.2	2.83	4	4	2
605	23.8	16638	3740	9680	2176	7865	1768	6.2	4.19	4.4	2.93	4.6	3.09	5	5	3
655	25.8	18013	4049	10480	2356	8515	1914	6.7	4.53	4.7	3.17	5.0	3.35	5	5	3
705	27.8	19388	4358	11280	2536	9165	2060	7.3	4.88	5.1	3.41	5.4	3.60	5	5	3
756	29.8	20790	4674	12096	2719	9828	2209	7.8	5.23	5.4	3.66	5.7	3.86	6	6	3
806	31.7	22165	4983	12896	2899	10478	2355	8.3	5.58	5.8	3.90	6.1	4.12	6	6	3
856	33.7	23540	5292	13696	3079	11128	2502	8.8	5.93	6.2	4.14	6.5	4.37	6	6	3
907	35.7	24943	5607	14512	3262	11791	2651	9.3	6.28	6.5	4.39	6.9	4.63	7	7	4
957	37.7	26318	5916	15312	3442	12441	2797	9.9	6.62	6.9	4.63	7.3	4.89	7	7	4

Additional standard belt widths are available in steps of 50.3 mm (1.98 in). Additional non-standard belt widths are available in steps of 16.8 mm (0.66 in).

1964	77.3	54010	12141	31424	7064	25532	5740	20.2	13.60	14.1	9.50	14.9	10.03	14	14	7
------	------	-------	-------	-------	------	-------	------	------	-------	------	------	------	-------	----	----	---

Additional standard belt widths are available in steps of 50.3 mm (1.98 in). Additional non-standard belt widths are available in steps of 16.8 mm (0.66 in).

2971	117.0	81703	18367	47536	10686	38623	8682	30.6	20.57	21.4	14.38	22.6	15.17	20	20	10
------	-------	-------	-------	-------	-------	-------	------	------	-------	------	-------	------	-------	----	----	----

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.

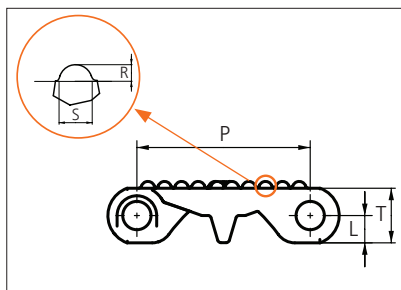
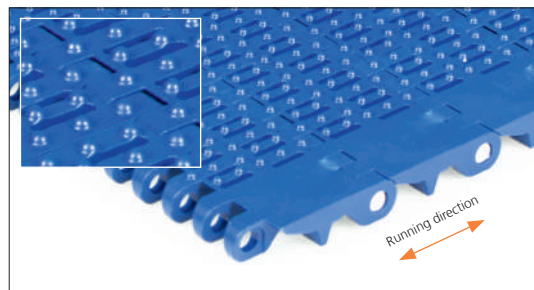
*Max. Load per Drive Sprocket. Belt material: POM-DI/PP/PE-I with snub roller 2000 N (450 lbf) without snub roller 1250 N (281 lbf).

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

= Single Link

Plastic Modular Belt

Series **uni MPB** Type **20% Nub Top**



Straight running belt
Nominal pitch: 50.8 mm (2.00 in)
Surface type: Nub Top
Surface opening: 20%
Backflex radius: 65.0 mm (2.6 in)
Pin diameter: 8.00 mm (0.31 in)
Standard Nub Top indent:
34.0 mm (1.34 in)

Belt material & color	POM DI W B		PP W B		PE-I B N			mm	in		mm	in		mm	in
							P (Nominal)	50.8	2.00	R	2.0	0.08	T	16.0	0.63
Pin material & color	 PP W				 PE W										
							L	8.0	0.31	S	4.0	0	-	-	-

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

Belt width		Permissible tensile force (Belt/pin material)						Belt weight (Belt/pin material)						*Min No drive sprocket per haft	Number of wear strips (min no)	
		POM-DI/PP		PP/PP		PE-I/PE		POM-DI/PP		PP/PP		PE-I/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			
152	6.0	4180	940	2432	547	1976	444	1.8	1.22	1.3	0.85	1.3	0.90	2	2	2
202	8.0	5555	1249	3232	727	2626	590	2.4	1.62	1.7	1.13	1.8	1.19	2	2	2
252	9.9	6930	1558	4032	906	3276	736	3.0	2.02	2.1	1.41	2.2	1.49	2	2	2
303	11.9	8333	1873	4848	1090	3939	885	3.6	2.42	2.5	1.69	2.7	1.79	3	3	2
353	13.9	9708	2182	5648	1270	4589	1032	4.2	2.82	2.9	1.97	3.1	2.09	3	3	2
403	15.9	11083	2491	6448	1450	5239	1178	4.8	3.22	3.3	2.25	3.5	2.38	3	3	2
454	17.9	12485	2807	7264	1633	5902	1327	5.4	3.63	3.8	2.53	4.0	2.68	4	4	2
504	19.8	13860	3116	8064	1813	6552	1473	6.0	4.03	4.2	2.81	4.4	2.98	4	4	2
554	21.8	15235	3425	8864	1993	7202	1619	6.6	4.43	4.6	3.09	4.9	3.28	4	4	2
605	23.8	16638	3740	9680	2176	7865	1768	7.2	4.84	5.0	3.37	5.3	3.58	5	5	3
655	25.8	18013	4049	10480	2356	8515	1914	7.8	5.24	5.4	3.65	5.8	3.87	5	5	3
705	27.8	19388	4358	11280	2536	9165	2060	8.4	5.64	5.9	3.93	6.2	4.17	5	5	3
756	29.8	20790	4674	12096	2719	9828	2209	9.0	6.05	6.3	4.22	6.7	4.47	6	6	3
806	31.7	22165	4983	12896	2899	10478	2355	9.6	6.45	6.7	4.50	7.1	4.77	6	6	3
857	33.7	23568	5298	13712	3082	11141	2504	10.2	6.85	7.1	4.78	7.5	5.07	6	6	3
907	35.7	24943	5607	14512	3262	11791	2651	10.8	7.25	7.5	5.06	8.0	5.36	7	7	4
957	37.7	26318	5916	15312	3442	12441	2797	11.4	7.65	7.9	5.34	8.4	5.66	7	7	4

Additional standard belt widths are available in steps of 16.8 mm (0.66 in).

1964	77.3	54010	12141	31424	7064	25532	5740	23.4	15.71	16.3	10.96	17.3	11.62	14	14	7
------	------	-------	-------	-------	------	-------	------	------	-------	------	-------	------	-------	----	----	---

Additional standard belt widths are available in steps of 16.8 mm (0.66 in).

2518	99.1	69245	15566	40288	9057	32734	7359	30.0	20.14	20.9	14.05	22.2	14.89	17	17	9
------	------	-------	-------	-------	------	-------	------	------	-------	------	-------	------	-------	----	----	---

General belt tolerance is $\pm 0/-0.4\%$ at $23^{\circ}\text{C}/73^{\circ}\text{E}$. For exact belt width contact Customer Service. Non standard belt width on request

*Max. Load per Drive Sprocket with snub roller. Belt material: POM-DI 2000 N (450 lbf), PP 1000 N (225 lbf), PE-I 1000 N (225 lbf)

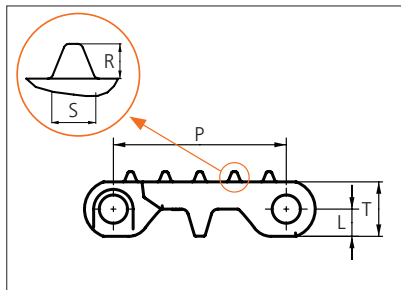
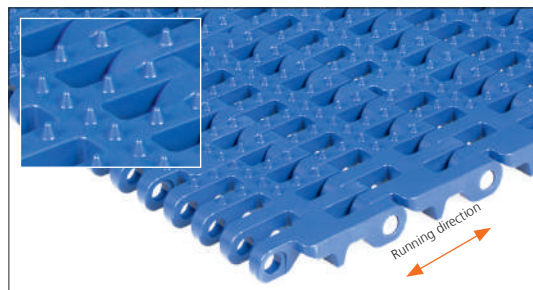
*Max. Load per Drive Sprocket without snub roller. Belt material: POM-DI 1250 N (281 lbf), PP 675 N (151 lbf), PE-I 675 N (151 lbf)

**Max. Spacing between wear strips, Carry: 150.0 mm (6.00 in); Return: 300.0 mm (12.00 in).

 = Single Link: no indent.

Plastic Modular Belt

Series **uni MPB** Type **25% Cone Top**



Straight running belt
Nominal pitch: 50.8 mm (2.00 in)
Surface type: Cone Top
Surface opening: 25%
Backflex radius: 65.0 mm (2.6 in)
Pin diameter: 8.0 mm (0.31 in)
Standard Cone Top indent:
34.0 mm (1.34 in)

Belt material & color	POM DI W B		PP W B		PE B N			mm	in		mm	in		mm	in
							P (Nominal)	50.8	2.00	R	3.0	0.12	T	16.0	0.63
Pin material & color	 PP W				 PE W										
							L	8.0	0.31	S	3.8	0.15	-	-	-

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

Belt width		Permissible tensile force (Belt/pin material)						Belt weight (Belt/pin material)						*Min No drive sprocket per haft	Number of wear strips (min no)	
		POM-DI/PP		PP/PP		PE-I/PE		POM-DI/PP		PP/PP		PE-I/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			
152	6.0	4180	940	2432	547	1976	444	1.8	1.22	1.3	0.85	1.3	0.90	2	2	2
202	8.0	5555	1249	3232	727	2626	590	2.4	1.62	1.7	1.13	1.8	1.19	2	2	2
252	9.9	6930	1558	4032	906	3276	736	3.0	2.02	2.1	1.41	2.2	1.49	2	2	2
303	11.9	8333	1873	4848	1090	3939	885	3.6	2.42	2.5	1.69	2.7	1.79	3	3	2
353	13.9	9708	2182	5648	1270	4589	1032	4.2	2.82	2.9	1.97	3.1	2.09	3	3	2
403	15.9	11083	2491	6448	1450	5239	1178	4.8	3.22	3.3	2.25	3.5	2.38	3	3	2
454	17.9	12485	2807	7264	1633	5902	1327	5.4	3.63	3.8	2.53	4.0	2.68	4	4	2
504	19.8	13860	3116	8064	1813	6552	1473	6.0	4.03	4.2	2.81	4.4	2.98	4	4	2
554	21.8	15235	3425	8864	1993	7202	1619	6.6	4.43	4.6	3.09	4.9	3.28	4	4	2
605	23.8	16638	3740	9680	2176	7865	1768	7.2	4.84	5.0	3.37	5.3	3.58	5	5	3
655	25.8	18013	4049	10480	2356	8515	1914	7.8	5.24	5.4	3.65	5.8	3.87	5	5	3
705	27.8	19388	4358	11280	2536	9165	2060	8.4	5.64	5.9	3.93	6.2	4.17	5	5	3
756	29.8	20790	4674	12096	2719	9828	2209	9.0	6.05	6.3	4.22	6.7	4.47	6	6	3
806	31.7	22165	4983	12896	2899	10478	2355	9.6	6.45	6.7	4.50	7.1	4.77	6	6	3
857	33.7	23568	5298	13712	3082	11141	2504	10.2	6.85	7.1	4.78	7.5	5.07	6	6	3
907	35.7	24943	5607	14512	3262	11791	2651	10.8	7.25	7.5	5.06	8.0	5.36	7	7	4
957	37.7	26318	5916	15312	3442	12441	2797	11.4	7.65	7.9	5.34	8.4	5.66	7	7	4
1008	39.7	27720	6231	16128	3626	13104	2946	12.0	8.06	8.4	5.62	8.9	5.96	7	7	4

Additional standard belt widths are available in steps of 16.8 mm (0.66 in).

1964	77.3	54010	12141	31424	7064	25532	5740	23.4	15.71	16.3	10.96	17.3	11.62	14	14	7
------	------	-------	-------	-------	------	-------	------	------	-------	------	-------	------	-------	----	----	---

Additional standard belt widths are available in steps of 16.8 mm (0.66 in).

2518	99.1	69245	15566	40288	9057	32734	7359	30.0	20.14	20.9	14.05	22.2	14.89	17	17	9
------	------	-------	-------	-------	------	-------	------	------	-------	------	-------	------	-------	----	----	---

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.

*Max. Load per Drive Sprocket with snub roller. Belt material: POM-DI 2000 N (450 lbf), PP 1000 N (225 lbf), PE-I 1000 N (225 lbf)

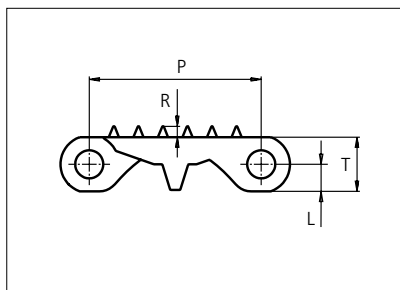
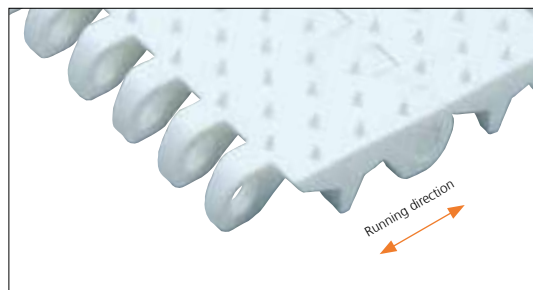
*Max. Load per Drive Sprocket without snub roller. Belt material: POM-DI 1250 N (281 lbf), PP 675 N (151 lbf), PE-I 675 N (151 lbf)

**Max. Spacing between wear strips, Carry: 150.0 mm (6.00); Return: 300.0 mm (12.00 in).

 = Single Link: no indent.

Plastic Modular Belt

Series **uni MPB** Type **G**



Straight running belt
Nominal pitch: 50.8 mm (2.00 in)
Surface type: Grip
Surface opening: Closed
Backflex radius: 65.0 mm (2.6 in)
Pin diameter: 8.0 mm (0.31 in)

Belt material & color	POM-DI W		mm	in		mm	in
Pin material & color	 PP W	P (Nominal)	50.8	2.00	R	3.2	0.13
		L	8.0	0.31	T	16.0	0.63

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

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

Lockpin: PA6.6 **B** PBT **LG**

Trilock: PA6.6 **N**

uni MPB G is available with a molded indent of 35.0 mm (1.38 in) in both sides.

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-DI/PP		POM-DI/PP			**Carry (pcs)	**Return (pcs)
mm	in	N	lbf	kg/m	lb/ft			
151	5.9	4153	933	1.8	1.21	2	2	2
202	8.0	5555	1249	2.4	1.62	2	2	2
252	9.9	6930	1558	3.0	2.02	2	2	2
302	11.9	8305	1867	3.6	2.42	3	3	2
353	13.9	9708	2182	4.2	2.82	3	3	2
403	15.9	11083	2491	4.8	3.22	3	3	2
453	17.8	12458	2800	5.4	3.62	4	4	2
504	19.8	13860	3116	6.0	4.03	4	4	2
554	21.8	15235	3425	6.6	4.43	4	4	2
604	23.8	16610	3734	7.2	4.83	5	5	3
655	25.8	18013	4049	7.8	5.24	5	5	3
705	27.8	19388	4358	8.4	5.64	5	5	3
755	29.7	20763	4667	9.0	6.04	6	6	3

Additional standard belt widths are available in steps of 50.3 mm (1.98 in.) Additional non-standard belt widths are available in steps of 16.8 mm (0.66 in.).

1963	77.3	53983	12135	23.4	15.70	14	14	7
------	------	-------	-------	------	-------	----	----	---

Additional standard belt widths are available in steps of 50.3 mm (1.98 in.) Additional non-standard belt widths are available in steps of 16.8 mm (0.66 in.).

2970	116.9	81675	18361	35.3	23.75	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.

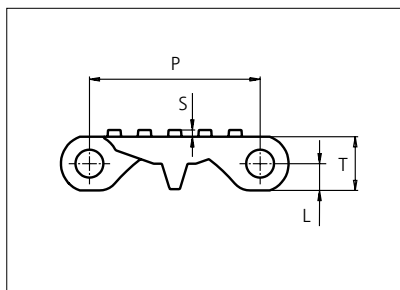
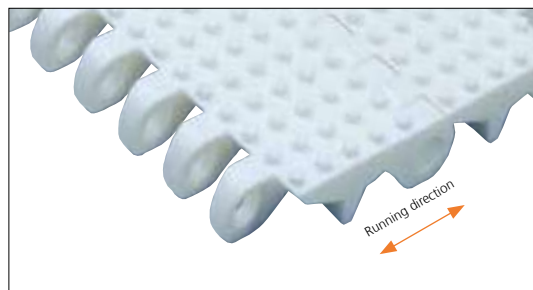
*Max. Load per Drive Sprocket. Belt material: POM-DI with snub roller 2000 N (450 lbf) without snub roller 1250 N (281 lbf).

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

 = Single Link

Plastic Modular Belt

Series **uni MPB** Type **N**



Straight running belt
Nominal pitch: 50.8 mm (2.00 in)
Surface type: No Cling
Surface opening: Closed
Backflex radius: 65.0 mm (2.6 in)
Pin diameter: 8.0 mm (0.31 in)

Belt material & color	PE-I		mm	in		mm	in
Pin material & color	PE	P (Nominal)	50.8	2.00	S	2.0	0.08
		L	8.0	0.31	T	16.0	0.63

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

Alternative pin and lock materials: Pin: PA6.6 PP PE PBT SS304

Lockpin: PA6.6 PBT

Trilock: PA6.6

uni MPB N is available with a molded indent of 35.0 mm (1.38 in) in both sides.

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.)	
		PE-I/PE		PE-I/PE			**Carry (pcs)	**Return (pcs)
mm	in	N	lbf	kg/m	lb/ft			
151	5.9	1963	441	1.3	0.89	2	2	2
202	8.0	2626	590	1.8	1.19	2	2	2
252	9.9	3276	736	2.2	1.49	2	2	2
302	11.9	3926	883	2.7	1.79	3	3	2
353	13.9	4589	1032	3.1	2.09	3	3	2
403	15.9	5239	1178	3.5	2.38	3	3	2
453	17.8	5889	1324	4.0	2.68	4	4	2
504	19.8	6552	1473	4.4	2.98	4	4	2
554	21.8	7202	1619	4.9	3.28	4	4	2
604	23.8	7852	1765	5.3	3.57	5	5	3
655	25.8	8515	1914	5.8	3.87	5	5	3
705	27.8	9165	2060	6.2	4.17	5	5	3
755	29.7	9815	2206	6.6	4.47	6	6	3

Additional standard belt widths are available in steps of 50.3 mm (1.98 in.) Additional non-standard belt widths are available in steps of 16.8 mm (0.66 in.).

1963	77.3	25519	5737	17.3	11.61	14	14	7
------	------	-------	------	------	-------	----	----	---

Additional standard belt widths are available in steps of 50.3 mm (1.98 in.) Additional non-standard belt widths are available in steps of 16.8 mm (0.66 in.).

2970	116.9	38610	8680	26.1	17.56	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.

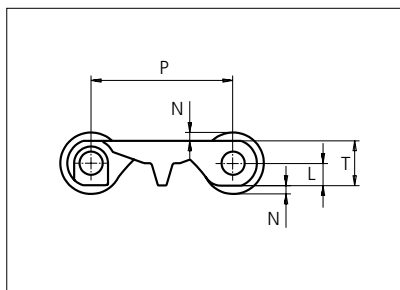
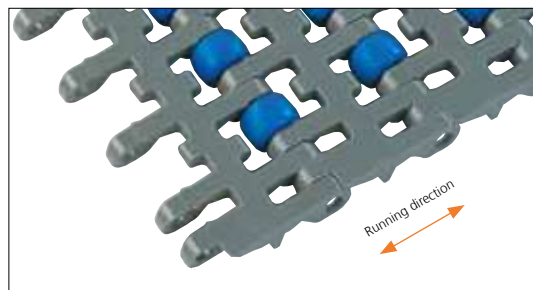
*Max. Load per Drive Sprocket. Belt material: POM-DI with snub roller 2000 N (450 lbf) without snub roller 1250 N (281 lbf).

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

= Single Link

Plastic Modular Belt

Series **uni MPB** Type **RO**



Straight running belt
Nominal pitch: 50.8 mm (2.00 in)
Surface type: Roller Top
Surface opening: 22%
Backflex radius: 65.0 mm (2.6 in)
Pin diameter: 8.0 mm (0.31 in)

Recommended belt material & color	POM-DI G		mm	in		mm	in
Recommended pin material & color	PP W	P (Nominal)	50.8	2.00	L	8.0	0.31
		N	3.0	0.12	T	16.0	0.63

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

Alternative pin and lock materials: Pin: PA6.6 **N** PP **W** PE **W** PBT **LG** SS304 Lockpin: PA6.6 **B** PBT **LG** Trilock: PA6.6 **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-DI/PP		POM-DI/PP			**Carry (pcs)	**Return (pcs)
mm	in	N	lbf	kg/m	lb/ft			
151	5.9	1661	373	1.7	1.15	2	2	2
185	7.3	2030	456	2.1	1.40	2	2	2
202	8.0	2222	500	2.3	1.53	2	2	2
252	9.9	2772	623	2.8	1.91	2	2	2
302	11.9	3322	747	3.4	2.29	3	3	2
353	13.9	3883	873	4.0	2.68	3	3	2
403	15.9	4433	997	4.6	3.06	3	3	2
453	17.8	4983	1120	5.1	3.44	4	4	2
504	19.8	5544	1246	5.7	3.83	4	4	2
554	21.8	6094	1370	6.3	4.21	4	4	2
604	23.8	6644	1494	6.8	4.59	5	5	3
655	25.8	7205	1620	7.4	4.97	5	5	3
705	27.8	7755	1743	8.0	5.35	5	5	3

Additional standard belt widths are available in steps of 50.3 mm (1.98 in). Additional non-standard belt widths are available in steps of 16.8 mm (0.66 in).

1963	77.3	21593	4854	22.2	14.91	14	14	7
------	------	-------	------	------	-------	----	----	---

Additional standard belt widths are available in steps of 50.3 mm (1.98 in). Additional non-standard belt widths are available in steps of 16.8 mm (0.66 in).

2970	116.9	32670	7344	33.6	22.55	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.

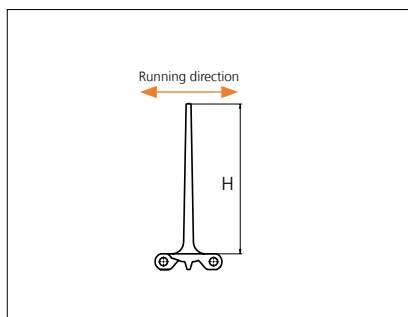
*Max. Load per Drive Sprocket. Belt material: PP with snub roller 2000 N (450 lbf) without snub roller 1250 N (281 lbf).

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

 = Single Link

Plastic Modular Belt

Accessories **uni MPB** Type **Flights**



Type	Material & color	H		Link size	Width		Indent both sides	
		mm	in		mm	in	mm	in
Flat	PE-I 	5.0	0.20	K600	151.0	5.94	3.0	0.12
	PP-I  PE-I 	10.0	0.39					
	POM-D   PP-I   PE-I  	25.4	1.00				0.0	0.0
		50.8	2.00					
		76.2	3.00					
		101.6	4.00				34.0*	1.34
		101.6	4.00					
		152.4	6.00				0.0	0.00

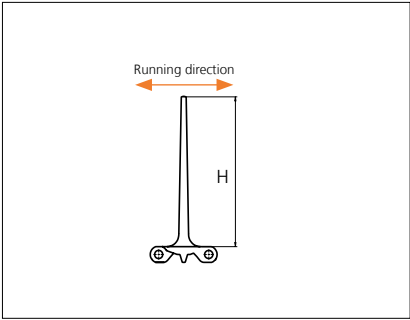
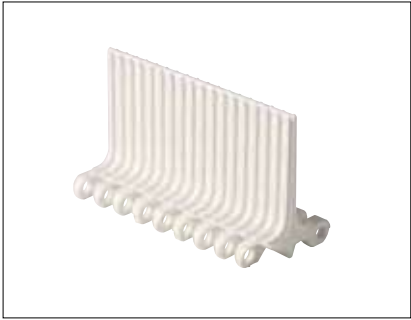
*Indent only in one side.

Depending on height and spacing the use of product supports may influence the backflex radius.

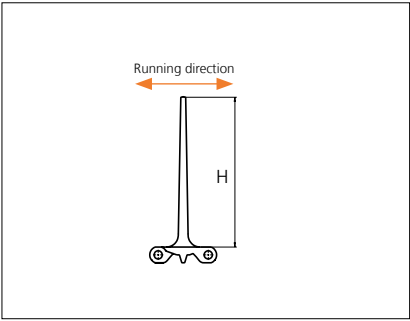
STANDARD

STRAIGHT RUNNING

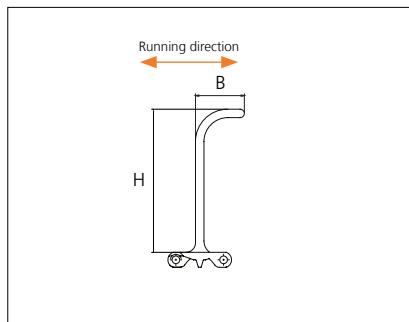
PITCH 50.8 MM/2.00 IN



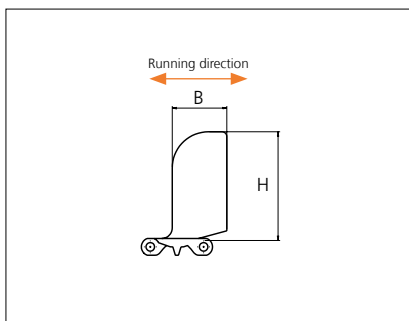
Type	Material & color	H		Link size	Width		Indent both sides	
		mm	in		mm	in	mm	in
Non Stick	PP-I W B	76.2	3.00	K600	151.0	5.94	0.0	0.00
	PE-I B N	101.6	4.00					



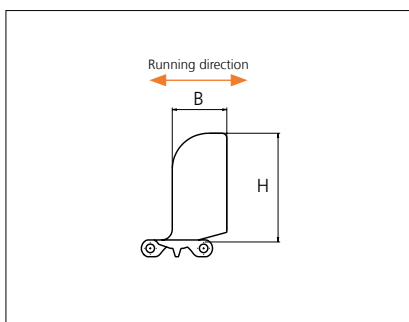
Type	Material & color	H		Link size	Width		Indent both sides	
		mm	in		mm	in	mm	in
10% Non Stick	PP-I W B	50.8	2.00	K600	151.0	5.94	0.0	0.00
	PE-I B N	76.2	3.00					
		101.6	4.00					



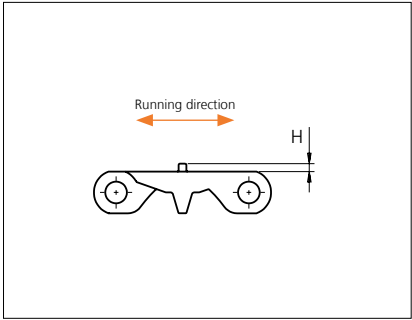
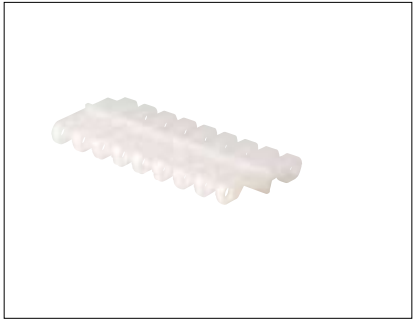
Type	Material & color	H		B		Link size	Width		Indent both sides	
		mm	in	mm	in		mm	in	mm	in
Bent	PP-I W B	76.2	3.00	52.0	2.05	K600	151.0	5.94	0.0	0.00
	PP-I W B PE N	101.6	4.00							
	PP-I W B	152.4	6.00							



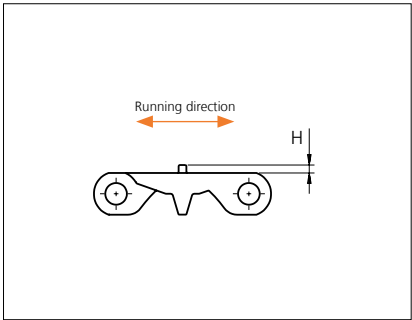
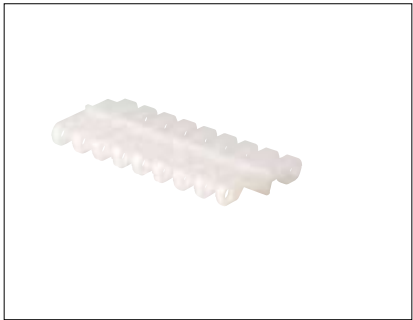
Type	Material & color	H		B		Link size	Width		Indent both sides	
		mm	in	mm	in		mm	in	mm	in
Cupped	PP-I W	76.2	3.00	52.0	2.05	K600	151.0	5.94	0.0	0.00
		101.6	4.00							
		152.4	6.00							



Type	Material & color	H		B		Link size	Width		Indent both sides	
		mm	in	mm	in		mm	in	mm	in
Cupped drain	PP-I W	76.2	3.00	52.0	2.05	K600	151.0	5.94	0.0	0.00
		101.6	4.00							
		152.4	6.00							



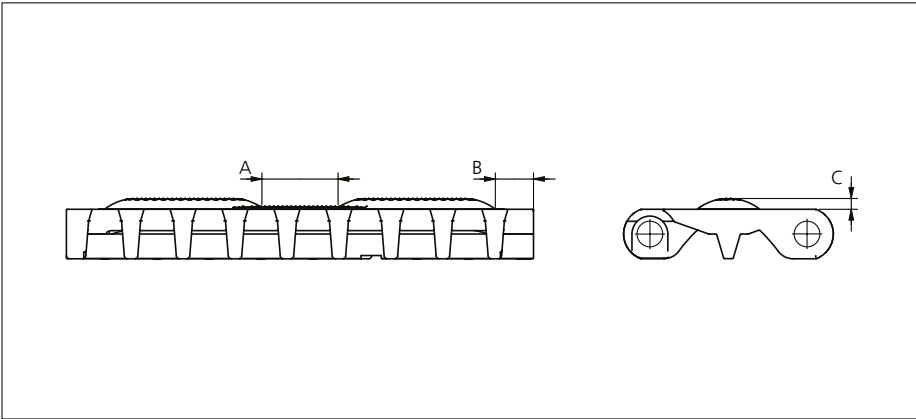
Type	Material & color	H		Link size	Width		Indent both sides	
		mm	in		mm	in	mm	in
Flat 20%	PE-I 	5.0	0.20	K600	151.0	5.94	3.0	0.12



Type	Material & color	H		Link size	Width		Indent both sides	
		mm	in		mm	in	mm	in
Flat 22%	PE-I 	3.0	0.12	K600	151.0	5.94	3.0	0.12

Accessories

Rubber Top

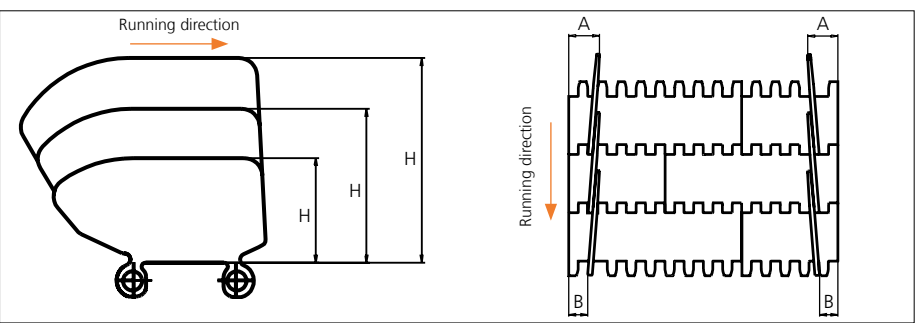


Type	Belt Material & color	Rubber Material & color	A		B		C		Link size	Width	
			mm	in	mm	in	mm	in		mm	in
Curved Rough	POM-DI W	01 N	24.0	0.94	10.0	0.39	3.5	0.14	K600	151.0	5.94

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

Accessories

Side Guard

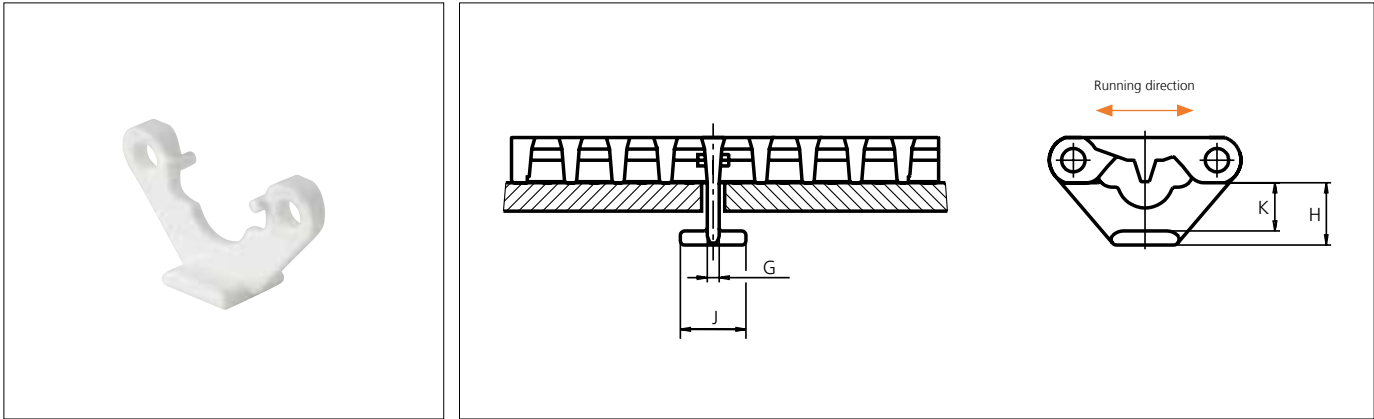


Type	Side Guard Material & color	H		A		B	
		mm	in	mm	in	mm	in
Closed	PE-I B N	50.8	2.00	32.0	1.26	16.0	0.63
	PP-I W B	76.2	3.00				
		101.6	4.00				

*34.0 mm (1.34 in) combined with flight. Increment: 8.4 mm (0.33 in).
Note: Backflex radius when Side Guard are used: 200.0 mm (7.90 in)

Accessories

Tab



Type	Tab Material & color	G		J		K		H	
		mm	in	mm	in	mm	in	mm	in
Bottom Hold Down	POM-DI W	4.2	0.17	23.2	0.91	17.0	0.67	22.0	0.87

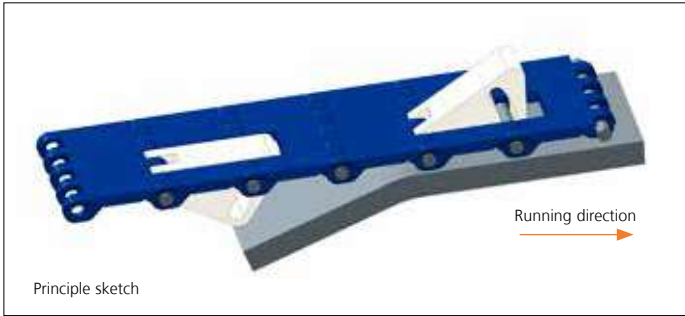
Note: When using tabs, please verify sufficient clearance to the shaft. Max. shaft diameter = Sprocket pitch diameter - 63.5 mm (2.50 in). When using square shafts, please verify that the diagonal does not exceed max. diameter. Example: Sprocket z = 6: Max. shaft diameter 101.6 - 63.5 = ø38.1 mm (4.00 - 2.50 = ø1.4 in).

Note: When using a belt system with tabs, the temperature should be constant. Please note that the tabs are not always placed in the middle of the belt.

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

Accessories

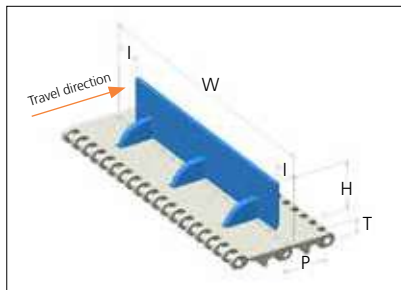
Non standard uni AmFlight



Other non standard option: See uni Amflight Overview.

Plastic Modular Belt

uni MPB Pop-up flight



Straight running elevator belt
 Nominal pitch: 50.8 mm (2.00 in)
 Surface type: Flat
 Surface opening: Closed
 Backflex radius: 100.0 mm (3.90 in) min
 Pin diameter: 8.0 mm (0.31 in)

Belt material & color	PP W B	PE-I N B		mm	in		mm	in
Pin material & color	 PP W	 PE W	H	54.8	2.16	T	16.0	0.63
Flight material & color	PP-I W B PE-I W B		I	34.0	1.34	-	-	-
			P	50.8	2.00	-	-	-

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

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

Lockpin: PA6.6 B PBT LG

Belt load capacity

Belt dimensions						Permissible tensile force (Belt/pin material)				Maximum product load per flight row	
Belt width (W)		Indents (I)*		Flight width (B)		PP/PP		PE-I/PE			
mm	in	mm	in	mm	in	N	lbf	N	lbf	Kg	Lbs
302	11.9	34	1.34	234	9.2	4832	1086	3926	883	12	27
353	13.9	34	1.34	285	11.2	5648	1270	4589	1032	14	31
403	15.9	34	1.34	335	13.2	6448	1450	5239	1178	16	36
453	17.8	34	1.34	385	15.2	7248	1629	5889	1324	18	40
504	19.8	34	1.34	436	19.2	8064	1813	6552	1473	20	44
554	21.8	34	1.34	486	19.1	8864	1993	7202	1619	22	49
604	23.8	34	1.34	536	21.1	9664	2173	7852	1765	24	53

General width tolerance is +0/-0.4% at 23°C/73°F. For other widths contact Customer Service.

*Standard indent 34.0 mm (1.34 in), other indents upon request.

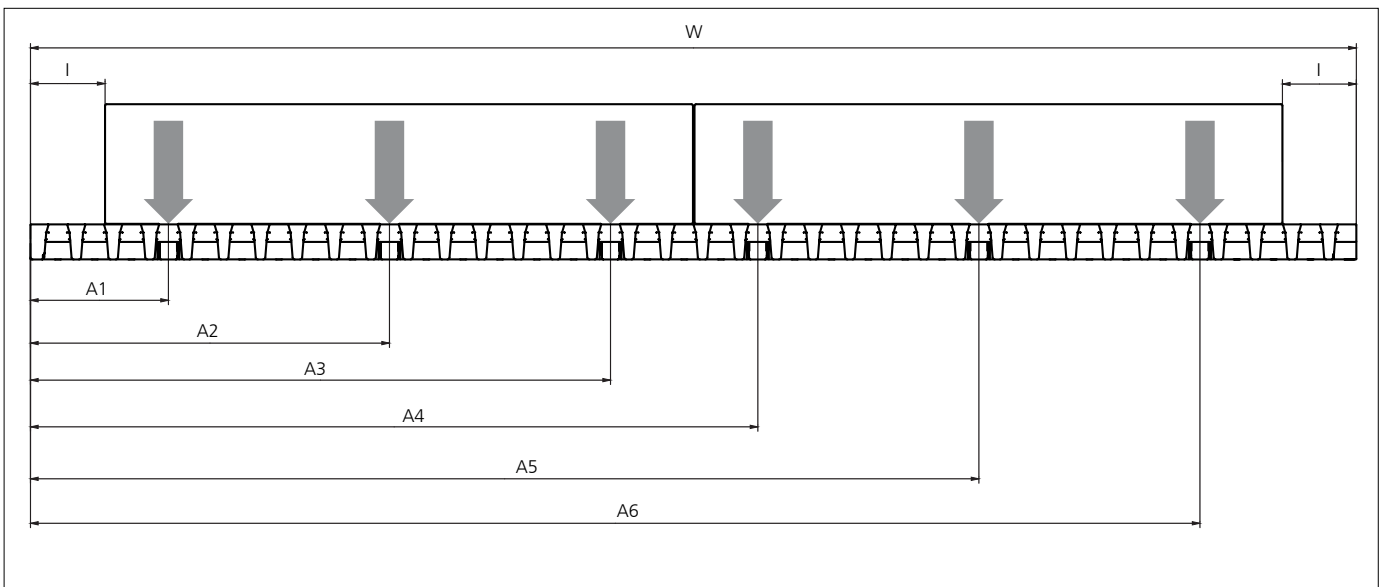
Belt dimensions		Base belt weight (Belt/pin material)				ADD weight per flight row				Construction information		
										Min. no drive sprockets*	No flight cams/ activation wearstrips	Min number of support wearstrips
Belt width (W)		PP/PP		PE-I/PE		PP-I/PP		PE-I/PE		Pieces	Pieces	Pieces
mm	in	Kg/m	lb/ft	Kg/m	lb/ft	Kg/m	lb/ft	Kg/m	lb/ft	Pieces	Pieces	Pieces
302	11.9	2.5	1.7	2.7	1.8	0.08	0.17	0.08	0.18	2	3	2
353	13.9	2.9	2.0	3.1	2.1	0.10	0.22	0.10	0.23	2	4	2
403	15.9	3.3	2.2	3.5	2.4	0.12	0.26	0.13	0.28	2	4	2
453	17.8	3.8	2.5	4.0	2.7	0.13	0.28	0.14	0.30	3	5	2
504	19.8	4.2	2.8	4.4	3.0	0.14	0.31	0.15	0.33	3	5	2
554	21.8	4.6	3.1	4.9	3.3	0.16	0.35	0.17	0.38	4	6	2
604	23.8	5.0	3.4	5.3	3.6	0.17	0.38	0.18	0.40	4	6	2

*Max. Load per Drive Sprocket. Belt material: POM-DI with snub roller 2000 N (450 lbf) without snub roller 1250 N (281 lbf)

Placing of activation wearstrips

Belt dimensions						Activation wearstrips Distance from belt left hand edge											
Belt width (W)		Indents* (I)		Flight width (B)		A1		A2		A3		A4		A5		A6	
mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in
302	11.9	34	1.34	234	9.2	46	1.81	147	5.79	248	9.76	-	-	-	-	-	-
353	13.9	34	1.34	285	11.2	63	2.48	164	6.46	197	7.76	298	11.73	-	-	-	-
403	15.9	34	1.34	335	13.2	63	2.48	164	6.46	231	9.09	332	13.07	-	-	-	-
453	17.8	34	1.34	385	15.2	46	1.81	147	5.79	248	9.76	298	11.73	399	15.71	-	-
504	19.8	34	1.34	436	19.2	63	2.48	164	6.46	265	10.43	332	13.07	433	17.05	-	-
554	21.8	34	1.34	486	19.1	63	2.48	164	6.46	265	10.43	298	11.73	399	15.71	500	19.67
604	23.8	34	1.34	536	21.1	63	2.48	164	6.46	265	10.43	332	13.07	433	17.05	533	20.98

*Standard indent 34.0 mm (1.34 in), other indents upon request.



↓ = Placing of activation wearstrip

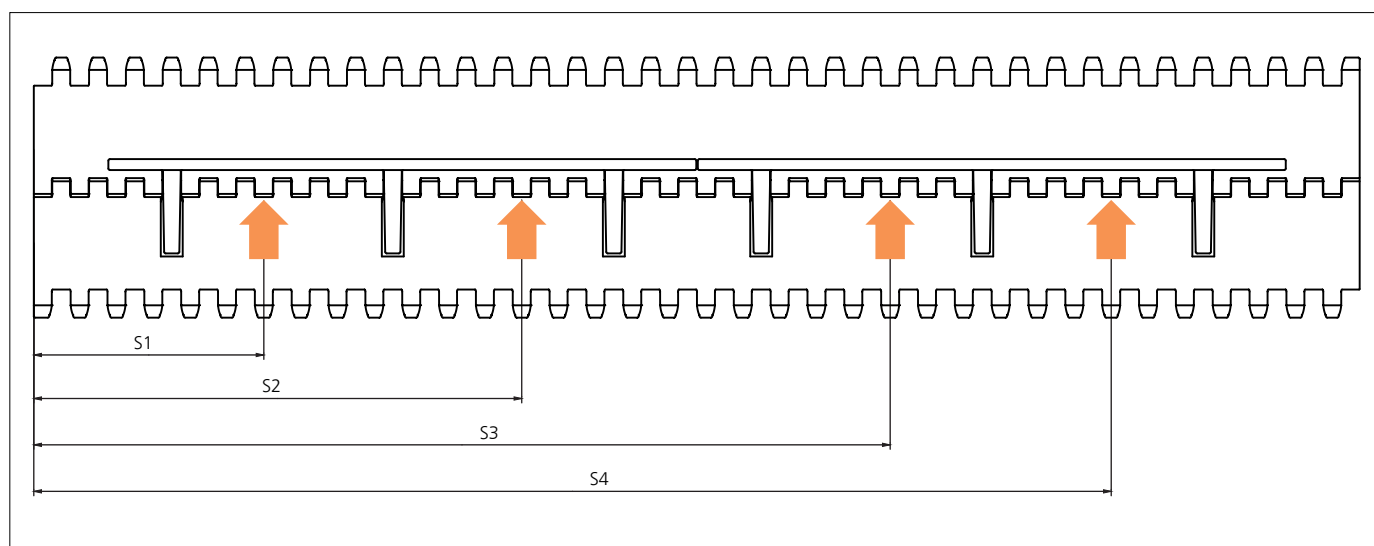
Dimensions for Pop-up flight system are from left hand edge of belt, looking down from top of belt with travel direction moving away from viewing point.

Placing of sprockets

Belt dimensions						Min. No drive sprockets**	Sprocket Position Distance from belt left hand edge							
Belt width (W)		Indents* (I)		Flight width (B)			S1		S2		S3		S4	
mm	in	mm	in	mm	in		mm	in	mm	in	mm	in	mm	in
302	11.9	34	1.34	234	9.2	2	88	3.46	206	8.11	-	-	-	-
353	13.9	34	1.34	285	11.2	2	105	4.13	256	10.08	-	-	-	-
403	15.9	34	1.34	335	13.2	2	105	4.13	290	11.42	-	-	-	-
453	17.8	34	1.34	385	15.2	3	88	3.46	206	8.11	357	14.06	-	-
504	19.8	34	1.34	436	19.2	3	105	4.13	223	8.78	391	15.39	-	-
554	21.8	34	1.34	486	19.1	4	105	4.13	223	8.78	357	14.06	457	18.00
604	23.8	34	1.34	536	21.1	4	105	4.13	223	8.78	374	14.72	491	19.33

*Standard indent 34.0 mm (1.34 in), other indents upon request.

**Max. Load per Drive Sprocket. Belt material: POM-DI with snub roller 2000 N (450 lbf) without snub roller 1250 N (281 lbf)



↑ = Placing of sprockets

Ensure sprockets cannot contact the Pop-up flight activation cams. These cams hinge below the belt surface when unsupported by wear-strips. If needed use extra retaining rings each side of floating sprockets to ensure they cannot contact the activation cams but can still float sideways.

Sprocket

No of teeth	Pilot bore	Bore size								Overall diameter	Pitch-diameter		Hub-diameter		Dimension A		Dimension B		Single row/One way	Double row/Two way	Molded	Machined
		in	1.00	1.18	1.25	1.50	1.57	2.36	2.50													
		mm	25.4	30.0	31.8	38.1	40.0	60.0	63.5		mm	in	mm	in	mm	in	mm	in				
Z06	✓		●	●	●	■	● ■				99.5	3.92	101.6	4.00	65.0	2.56	36.0	1.42	59.3	2.33	✓	✓
Z08	✓		●	●	●	■	● ■				132.9	5.23	132.8	5.23	70.0	2.75	53.3	2.10	74.9	2.94	✓	✓
Z10	✓			1 ●	1 ●	1 ●	1 ● ■	2 ■	2 ■		166.3	6.55	164.4	6.47	¹ 70.0 ² 120.0	2.75 4.72	70.2	2.76	90.7	3.57	✓	✓
Z12	✓			1 ●	1 ●	1 ●	1 ● ■	2 ■	2 ■	3 ■	198.6	7.82	196.3	7.73	¹ 70.0 ² 120.0 ³ 164.0	2.75 4.72 6.45	86.8 86.8	3.42 3.42	106.6 106.6	4.19 4.19	¹⁺² ✓	²⁺³ ✓
Z16	✓		2 ● 1 ●	2 ● 1 ●	2 ●	2 ● ■	2 ● ■	3 ■	2 ■ 1 ■	3 ■	263.8	10.39	260.4	10.25	¹ 150.0 ² 164.0 ³ 200.0	5.90 6.45 7.87	119.7	4.71	138.7	5.46	¹ ✓	²⁺³ ✓

● Molded sprocket

■ Molded sprocket

■ Machined sprocket



Other sprocket sizes are available upon request.

Other bore sizes on sprockets are available upon request.

Round bores are always delivered with keyway.

Max. load per sprocket shown does not take bore size into account.

Please also ensure that sufficient size shaft is chosen for corresponding load.

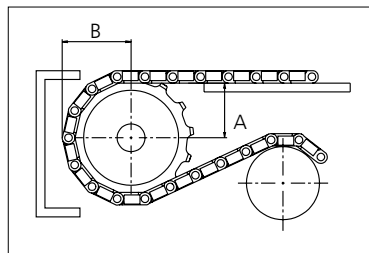
Width of tooth = Single row: 9.5 mm (0.37 in)
= Double row: 17.8 mm (0.70 in)

Width of One-part sprocket = Single row: 42.3 mm (1.66 in)
= Double row: 42.3 mm (1.66 in)
= ³Double row: 50.0 mm (1.96 in)

uni UltraClean Two-Part Sprocket

No. of teeth	Bore size				Overall diameter		Pitch-diameter		Hub-diameter		Dimension A		Dimension B		Single row/One way	Moulded
	in	1.50	1.57	2.36												
	mm	38.1	40.0	60.0	mm	in	mm	in	mm	in	mm	in	mm	in		
Z8		■	■		132.9	5.23	132.8	5.23	80.0	3.15	53.3	2.10	74.9	2.94	✓	✓
Z10		1 ■	1 ■	2 ■	166.3	6.55	164.4	6.47	¹ 126.0 ² 118.0	¹ 4.96 ² 4.65	70.2	2.76	90.7	3.57	✓	✓
Z12		1 ■	1 ■	2 ■	198.6	7.82	196.3	7.73	¹ 126.0 ² 118.0	¹ 4.96 ² 4.65	86.8	3.42	106.6	4.19	✓	✓

■ Moulded uni UltraClean TwoPart Sprocket



Width of UltraClean Two-part sprocket = Single row: 44.0 mm (1.73 in)

Width of UltraClean Two-part sprocket, tooth = Single row: 9.5 mm (0.37 in)

uni Retainer Rings: See uni Retainer Ring data sheet.

For correct sprocket position: See uni Assembly Instructions for uni MPB.

For more detailed sprocket information. contact Customer Service.