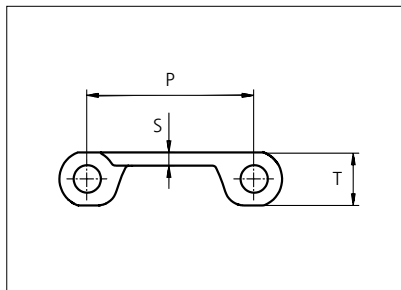
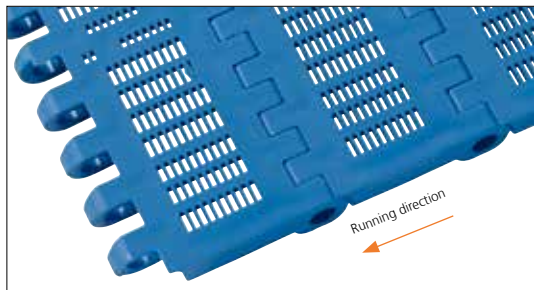




Plastic Modular Belt

Series **uni BLB** Type **18%**



Straight running belt
 Nominal pitch: 50.8 mm (2.00 in)
 Surface type: Flat
 Surface opening: 18%
 Backflex radius: 65.0 mm (2.60 in)
 Pin diameter: 8.0 mm (0.31 in)

Belt material & color	PP-HW LB		mm	in		mm	in
	Pin and lock material & color	SS304 PP-HW LB	P (Nominal)	50.8	2.00	T	16.0
S			4.0	0.16	-	-	-

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

Alternative pin and lock materials: Lockpin: PP-HW **LB**

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-HW/SS		PP-HW/ PP-HW		PP-HW/SS		PP-HW/PP-HW			**Carry (pcs)	**Return (pcs)
mm	in	N	lbf	N	lbf	kg/m	lb/ft	kg/m	lb/ft			
153	6.0	1010	227	1010	227	1.8	1.20	0.7	0.49	2	2	2
306	12.0	2020	454	2020	454	3.6	2.41	1.5	0.99	3	3	2
357	14.0	2354	529	2354	529	4.2	2.80	1.7	1.15	3	3	2
408	16.1	2693	605	2693	605	4.8	3.21	2.0	1.32	3	3	2
459	18.1	3028	681	3028	681	5.4	3.61	2.2	1.48	4	4	2
509	20.1	3362	756	3362	756	6.0	4.01	2.4	1.64	4	4	2
560	22.1	3697	831	3697	831	6.6	4.40	2.7	1.81	4	4	2
611	24.1	4032	906	4032	906	7.1	4.80	2.9	1.97	5	5	3
662	26.0	4367	982	4367	982	7.7	5.20	3.2	2.13	5	5	3
713	28.1	4706	1058	4706	1058	8.3	5.61	3.4	2.30	5	5	3
764	30.1	5041	1133	5041	1133	8.9	6.01	3.7	2.46	6	6	3
815	32.1	5379	1209	5379	1209	9.5	6.41	3.9	2.63	6	6	3

Additional standard belt widths are available in steps of 50.7 mm (2.00 in).

1985	78.1	13101	2945	13101	2945	23.2	15.61	9.5	6.40	14	14	7
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Additional standard belt widths are available in steps of 50.7 mm (2.00 in).

3003	118.2	19820	4455	19820	4455	35.1	23.61	14.4	9.69	21	21	11
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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: PP-HW with snub roller 2000 N (450 lbf), PP-HW 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).

***Load capacity per row of reinforcement links in the belt: 2500 N (562 lbf).

***Example: Belt with 8 rows of reinforcement links, permissible load is 8 x 2500 N (562 lbf) = 20000 N (4496 lbf).

= Single Link



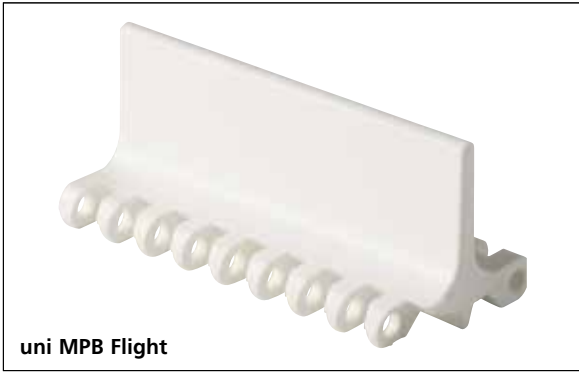
STANDARD

STRAIGHT RUNNING

PITCH 50.8 MM/2.00 IN

Accessories

Flight / Non Standard

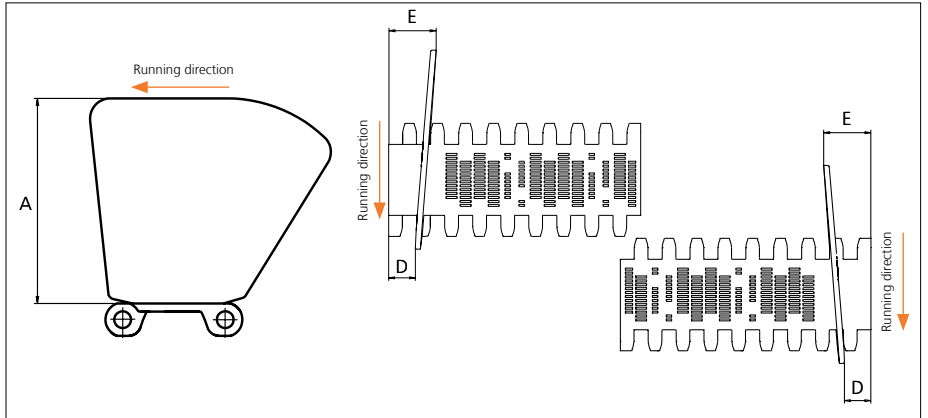


uni MPB Flight

uni MPB Flights in PP-HW **LB** fits the BLB belt and are available on request. Please see the uni MPB Flight datasheet for more information.

Accessories

Side Guard

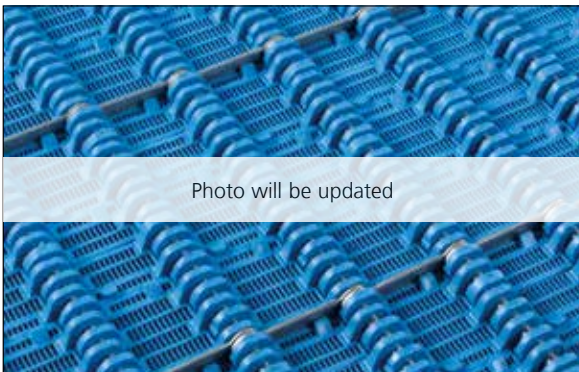


Type	Material & color	A		E		D	
		mm	in	mm	in	mm	in
Closed	PP-HW LB	101.6	4.00	28.5	1.12	16.0	0.63

Non Standard material and color: See uni Material and Color Overview.
Backflex radius for Side Guard: 200.0 mm (7.90 in)

Accessories

Reinforcement Link



Load capacity per row of reinforcement links in the belt. Maximum 19 rows per metre belt width.
Example: If seven rows are installed the max. permissible load of the belt is $7 \times 2500 \text{ N (562 lbf)} = 17500 \text{ N (3934 lbf)}$.

Type	Material & color	N/row	Lbf/row
Steel Link	SS316	2500	562

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



Conveyor Belts



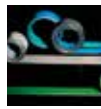
Seamless Belts



Modular Belts



Timing Belts



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