

**Pitch 50.8 mm (2.00 in.)**



### uni Flex L-ASB

This new generation of 2 in. pitch radius belts with or without hold down tabs offers a unique patented design making this an extremely strong radius belt.

A version with a tighter turning radius is also available called uni Flex L-ASB R.

This new generation is easy to clean and, combined with POM-D material, it has good release characteristics.

The increased lateral stability allows the use of fewer support strips than with other belts.

The improved hygienic design of this straight and sideflexing belt makes it the ideal processing belt in cooling, freezing, drying or proofing applications. The uni Flex L-ASB is a proven belt in spiral applications.

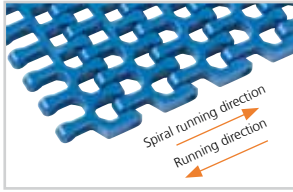
### The uni Flex L-ASB Series increases performance in the following industries and applications:

- Bakery industry including pan handling, cooling lines, internal transport, and packaging lines with demands for height belt strength
- Meat & poultry applications including packaging lines
- Spiral applications
- Furniture industry

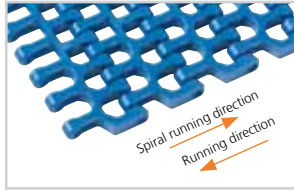
### Product features:

- Standard POM-D material containing a self-lubricating component, improving non-stick characteristics and reducing friction
- Easy to clean thanks to improved hygienic design of the hinges
- Tight radius application reducing space requirements
- Fewer support strips thanks to increased lateral stability
- Available with 2.2 and 1.6 collapsing factor

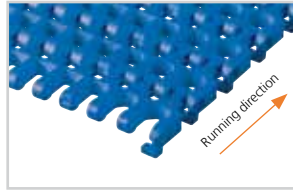
**Standard Selection**



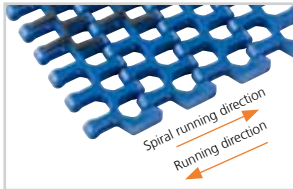
**uni Flex L-ASB**  
Surface opening 47%



**uni Flex L-ASB R**  
Surface opening 50%



**uni Flex L-ASB T**  
Surface opening 47%

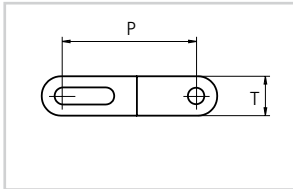


**uni Flex L-ASB Rubber Top**  
Surface opening

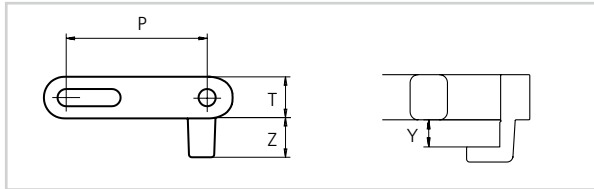
*uni Flex L-ASB and uni Flex L-ASB T:*  
Min. inside radius 2.2 x belt width.

*uni Flex L-ASB-R:*  
Min. inside radius 1.6 x belt width.

**Dimensional Sketches**

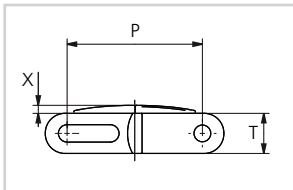


**uni Flex L-ASB**  
**uni Flex L-ASB R**



**uni Flex L-ASB T**

**Dimensions**



**uni Flex L-ASB Rubber Top**

*uni Flex L-ASB Rubber Top: Indent min. 71.0 mm (2.80 in.) and Increment 25.4 mm (1.00 in.)*  
*uni Flex L-ASB R: Indent min. 97.0 mm (3.82 in.) and Increment 25.4 mm (1.00 in.)*

	mm	in.		mm	in.
<b>P</b>	50.8	2.00	<b>Z</b>	14.0	0.55
<b>T</b>	15.0	0.59	<b>X</b>	3.00	0.12
<b>Y</b>	9.00	0.35	-	-	-

- Sideflexing
- 50.8 mm (2.00 in.)
- Snap Pin A1
- ø6.0 mm (0.24 in.)
- Patent pending
- See page 8
- 100 mm (3.94 in.)
- See page 87
- See page 172
- See page 169

**Accessories**

- See page 86

**Alternatives**

- PP **W** PBT **LG**

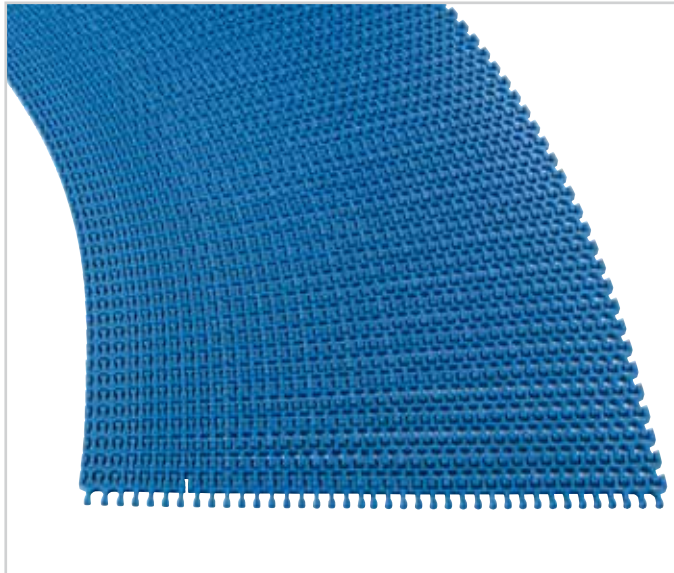
**Standard Materials and Colors**

Type	Standard materials and colors	Standard pin materials and colors
uni Flex L-ASB	POM-D <b>W</b>	PA6.6 <b>B</b>
	POM-D <b>B</b>	PA6.6 <b>B</b>
	PP <b>B</b> <b>W</b>	PA6.6 <b>B</b>
uni Flex L-ASB T	POM-D <b>W</b>	PA6.6 <b>B</b>
	POM-D <b>B</b>	PA6.6 <b>B</b>
	PP <b>B</b> <b>W</b>	PA6.6 <b>B</b>
uni Flex L-ASB R	POM-D <b>W</b>	PA6.6 <b>B</b>
	POM-D <b>B</b>	PA6.6 <b>B</b>
	PP <b>B</b> <b>W</b>	PA6.6 <b>B</b>
uni Flex L-ASB Rubber Top	PP <b>B</b> + 03 <b>K</b>	PA6.6 <b>B</b>
uni Flex L-ASB R Rubber Top	PP <b>B</b> + 03 <b>K</b>	PA6.6 <b>B</b>
uni Flex L-ASB T Rubber Top	PP <b>B</b> + 03 <b>K</b>	PA6.6 <b>B</b>

**Standard Bricklaid Belt Widths**

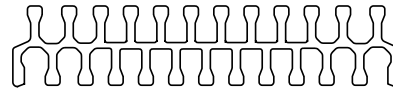
mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.
249	9.8	452	17.8	605	23.8	704	27.7	910	35.8	1087	42.8	1545	60.8	2002	78.8
325	12.8	478	18.8	630	24.8	783	30.8	935	36.8	1240	48.8	1697	66.8	2154	84.8
402	15.8	554	21.8	656	25.8	859	33.8	1011	39.8	1392	54.8	1849	72.8	2307	90.8

On above belt width values, the belt width tolerance on standard materials is +0/-0.4% at 23°C (73° F).

**uni Flex L-ASB Single Link®**


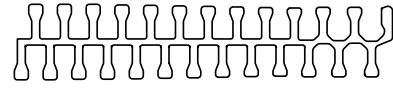
uni Flex L-ASB Single Link® is available in the following standard widths:

K1280 Both (325.9 mm (12.83 in.))



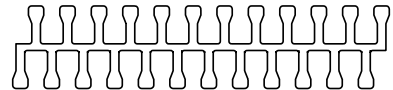
The both link is split in two and used as the outer part of the belt.

K1320 L-ASB R (331.5 mm (13.05 in.))



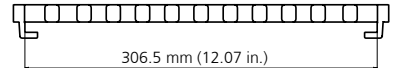
The R module is used as the inside part of the belt for a tighter radius.

K1200 Center (299.7 mm (11.80 in.))



The center module is used in the middle of the belt.

uni Flex L-ASB T



uni Flex L-ASB Single Link® standard materials and colors see page 84.

**Standard Single Link®**

Belt type and widths	K1200 Center 299.7 mm (11.80 in.)	K1280 Both 325.9 mm (12.83 in.)	K1320 331.5 mm (13.05 in.)
uni Flex L-ASB	X	X	
uni Flex L-ASB T		X	
uni Flex L-ASB R			X
uni Flex L-ASB Rubber Top	X	X	X

Please note: Only the outer hinge from the both and the R modul can be used to retain the Snap Pin.

**Max. Permissible Load in Curve**

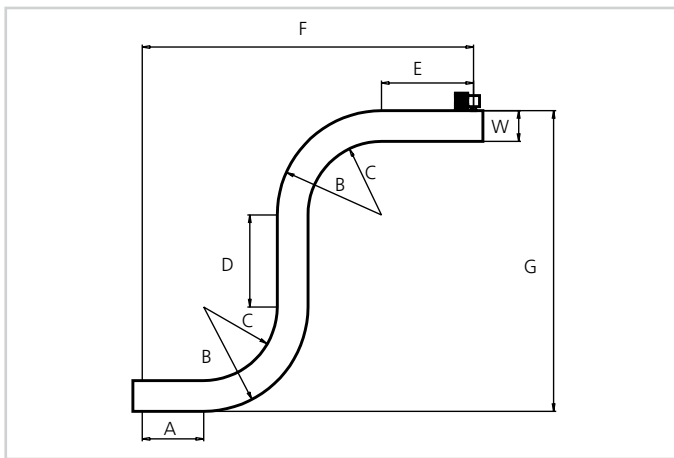
Belt material	Belt width W	POM		PP	
		PA6.6		PA6.6	
Pin material	in.	N	lbf	N	lbf
uni Flex L-ASB   T   R   Rubber Top	12 in. <= W < 18 in.	2440	559	1440	346
	W > 18 in.	3110	699	1960	441

**Max. Permissible Load in Straight Sections**

Belt material	POM		PP	
	PA6.6		PP   PA6.6	
Pin material	N/m	lbf/ft	N/m	lbf/ft
uni Flex L-ASB   T   R   Rubber Top	40000	2740	20000	3478

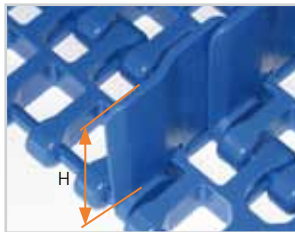
**Belt Weights**

Belt material	POM		PP	
Pin material	PA6.6		PP	
	kg/m <sup>2</sup>	lb/ft <sup>2</sup>	kg/m <sup>2</sup>	lb/ft <sup>2</sup>
uni Flex L-ASB   T	9.8	2.00	6.0	1.20
uni Flex L-ASB R	9.8	2.00	-	-
uni Flex L-ASB Rubber Top	-	-	6.5	1.33

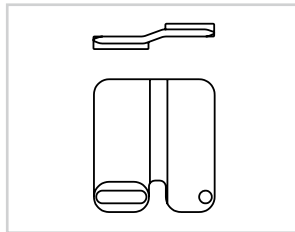
**Design Guidelines**
**L - Conveyors**

**C - Conveyors**

	uni Flex L-ASB uni Flex L-ASB T	uni Flex L-ASB R (inside)
<b>A</b>	min. 1.5 x W	min. 1.5 x W
<b>B</b>	min. 3.2 x W	min. 2.6 x W
<b>C</b>	min. 2.2 x W	min. 1.6 x W
<b>D</b>	min. 2.0 x W	min. 2.0 x W
<b>E</b>	min. 2.0 x W	min. 2.0 x W
<b>F</b>	min. 8.9 x W	min. 7.7 x W
<b>G</b>	min. 8.4 x W	min. 7.2 x W

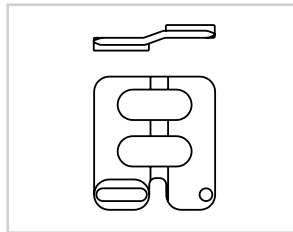
uni Flex L-ASB R can not be used in S-conveyors.

**S - Conveyors**
**Accessories | Lane Divider**


Lane Divider



Lane Divider



Lane Divider Airflow

**Dimensions**

Style	H	
	mm	in.
Lane Divider	10.0	0.39
Lane Divider	25.4	1.00
Lane Divider	50.0	2.00
Lane Divider Airflow	50.0	2.00

**Standard Material and Color**

 POM-D **B** W

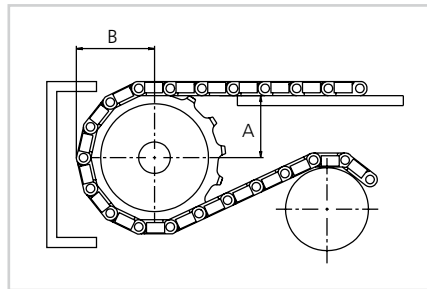
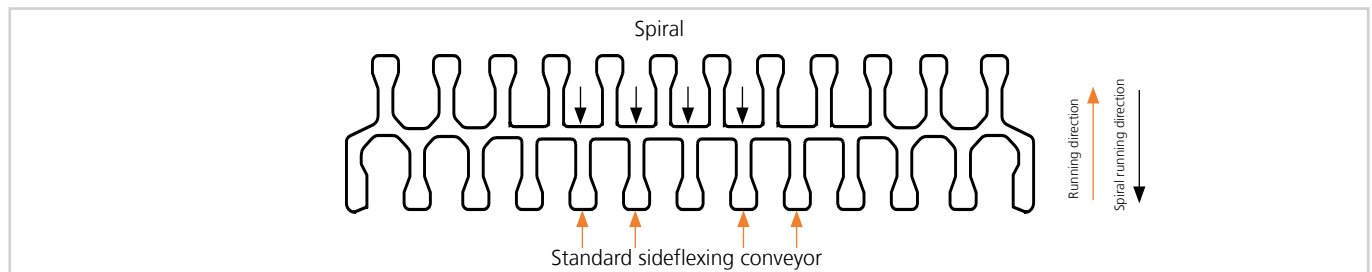
Min. Indent for Lane Divider is: Indent min. 80.0 mm (3.15 in.) and Increment 25.4 mm (1.00 in.)

**Standard Sprockets**

No. of teeth	Pitch diameter		Overall diameter		Bore		Reference no. plastic
	mm	in.	mm	in.	mm	in.	
8	132.7	5.18	134.6	5.30	ø18.0/70.0	ø0.71/2.76	673PA6FLASB08211N00
					sq 38.1	sq 1.50	673PA6FLASB08211N00I150S
					sq 40.0	sq 1.57	673PA6FLASB08211N00M040S
					sq 50.8	sq 2.00	673PA6FLASB08211N00I200S
10	164.4	6.46	168.3	6.63	ø18.0/70.0	ø0.71/2.76	673PA6FLASB10211N00
					sq 38.1	sq 1.50	673PA6FLASB10211N00I150S
					sq 40.0	sq 1.57	673PA6FLASB10211N00M040S
					sq 50.8	sq 2.00	673PA6FLASB10211N00I200S
12	196.3	7.74	203.5	8.01	ø18.0/120.0	ø0.71/4.76	673PA6FLASB12211N00
					sq 38.1	sq 1.50	673PA6FLASB12211N00I150S
					sq 40.0	sq 1.57	673PA6FLASB12211N00M040S
					sq 50.8	sq 2.00	673PA6FLASB12211N00I200S
15	244.3	9.66	253.4	9.98	ø18.0/150.0	ø0.71/5.91	673PA6FLASB15211N00
					sq 38.1	sq 1.50	673PA6FLASB15211N00I150S
					sq 40.0	sq 1.57	673PA6FLASB15211N00M040S
					sq 50.8	sq 2.00	673PA6FLASB15211N00I200S
					sq 60.0	sq 2.36	673PA6FLASB15211N00M060S
					sq 63.5	sq 2.50	673PA6FLASB15211N00I250S

**Placement of Wearstrips and Sprockets**

No. of teeth	Minimum B-dimension		Wearstrip distance A	
	mm	in.	mm	in.
8	74.4	2.93	54.3	2.14
10	90.3	3.56	71.3	2.81
12	106.4	4.19	88.0	3.47
15	130.6	5.14	112.9	4.45


**Placing of Sprockets**

**Max. Load per Sprocket**

Belt material	POM		PP	
	N	lbf	N	lbf
uni Flex L-ASB	2500	562	1200	270