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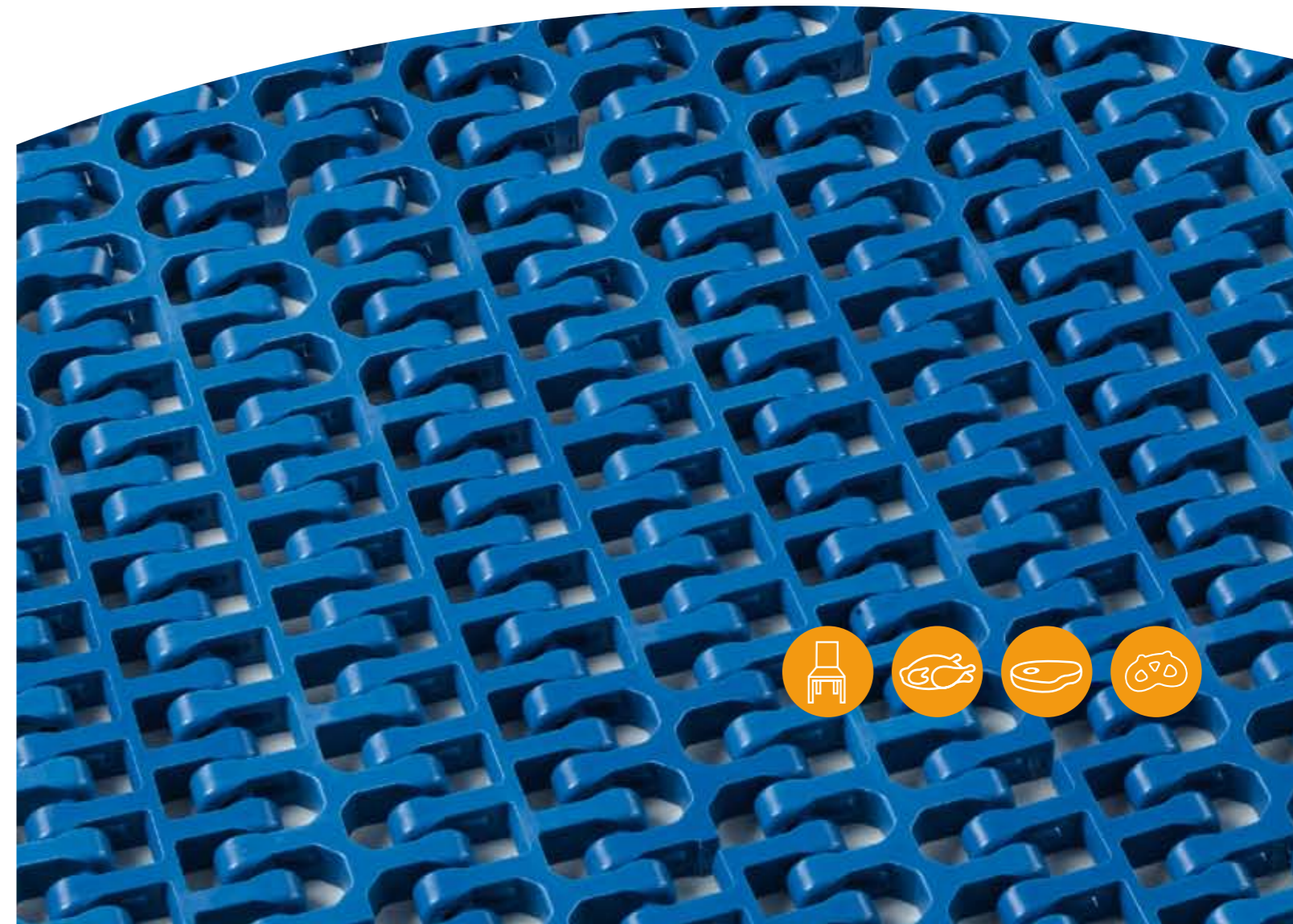
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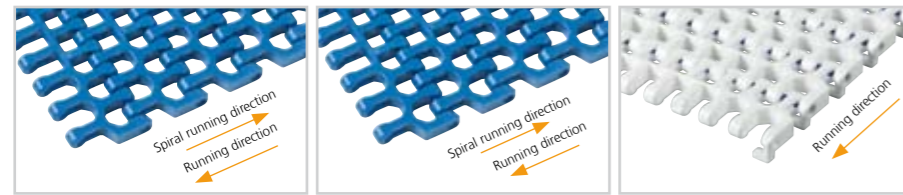


NEW

Plastic Modular Belt Series uni Flex L-ASB



Standard Selection



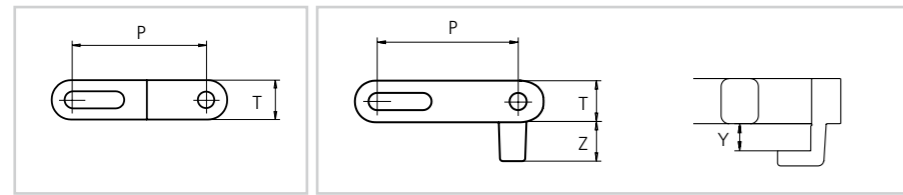
uni Flex L-ASB
Surface opening 47%

uni Flex L-ASB R
Surface opening 50%

uni Flex L-ASB T
Surface opening 47%

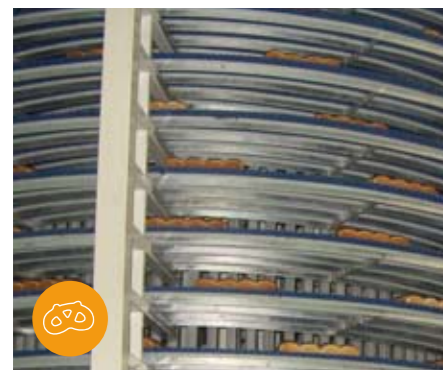
uni Flex L-ASB and uni Flex L-ASB T: Min. inside radius 2.2 x belt width
uni Flex L-ASB R: Min. inside radius 1.6 x belt width

Dimensional Sketches



uni Flex L-ASB
uni Flex L-ASB R

uni Flex L-ASB T



Belt: uni Flex L-ASB

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

Belt Weights

uni Flex L-ASB | T | R | Belt material: POM | Pin material: PA6.6: 9.8 kg/m² (2.00 lb/ft²)
uni Flex L-ASB | T | Belt material: PP | Pin material: PP: 6.0 kg/m² (1.20 lb/ft²)

Standard Materials and Colors

Type	Standard materials and colors	Standard pin materials and colors
uni Flex L-ASB	POM-D W	PA6.6 B
	POM-D B	PA6.6 B
	PP B	PA6.6 B
uni Flex L-ASB T	POM-D W	PA6.6 B
	POM-D B	PA6.6 B
	PP B	PA6.6 B
uni Flex L-ASB R	POM-D W	PA6.6 B
	POM-D B	PA6.6 B
	PP B	PA6.6 B

- Travel direction**
Side flexing
- Pitch**
50.8 mm (2.00 in.)
- Pin diameter**
ø6.0 mm (0.24 in.)
- Backflex radius**
100 mm (3.94 in.)

Dimensions

	mm	in.
P	50.8	2.00
T	15.0	0.59
Y	9.0	0.35
Z	14.0	0.55

FEATURES

“The uni Flex L-ASB is a proven belt in spiral applications”

>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 and versatile belt.<

Belt: uni Flex L-ASB



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

Max. Permissible Loads in Curve

uni Flex L-ASB | T | R | Belt width: 12 in. <= W < 18 in. | Belt material: POM | Pin material: PA6.6: 2440 N (559 lbf) or uni Flex L-ASB | T | CS | CS T | Belt width: 12 in. <= W < 18 in. | Belt material: PP | Pin material: PP: 1450 N (326 lbf) | PA6.6: 1440 N (346 lbf) or uni Flex L-ASB | T | R | Belt width: W > 18 in. | Belt material: POM | Pin material: PA6.6: 3110 N (699 lbf) or uni Flex L-ASB | T | CS | CS T | Belt width: W > 18 in. | Belt material: PP | Pin material: PP: 1850 N (416 lbf) | PA6.6: 1960 N (441 lbf).

uni Flex L-ASB | T | CS | CS T | Belt width: W < 12 in. | Belt material: POM | Pin material: PA6.6: 3110 N (699 lbf) or uni Flex L-ASB | T | CS | CS T | Belt width: W < 18 in. | Belt material: PP | Pin material: PP: 1850 N (416 lbf) | PA6.6: 1960 N (441 lbf).

Max. Permissible Loads in Straight Sections

uni Flex L-ASB | T | R | Belt material: POM | Pin material: PA6.6: 40000 N (2740 lbf) | Belt material: PP | Pin material: PP/ PA6.6: 10250 N (1781 lbf)

Standard Sprockets



- No. of teeth:** 8, 10, 12, 15
- Sprocket width:** 30.0 mm (1.18 in.)
- Tooth width:** 15 mm (0.59 in.)
- Standard material:** PA6

Other sprocket sizes are available upon request.

Max. Load per Sprocket

uni Flex L-ASB | Belt material: POM: 2500 N (562 lbf) | PP: 1200 N (270 lbf)

BENEFITS

Operational product benefits:

- Easy to clean thanks to improved hygienic design of the hinges
- Tight radius version available for reducing space requirements
- Fewer support strips required thanks to increased lateral stability

INDUSTRIES

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

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



Belt: uni Flex L-ASB