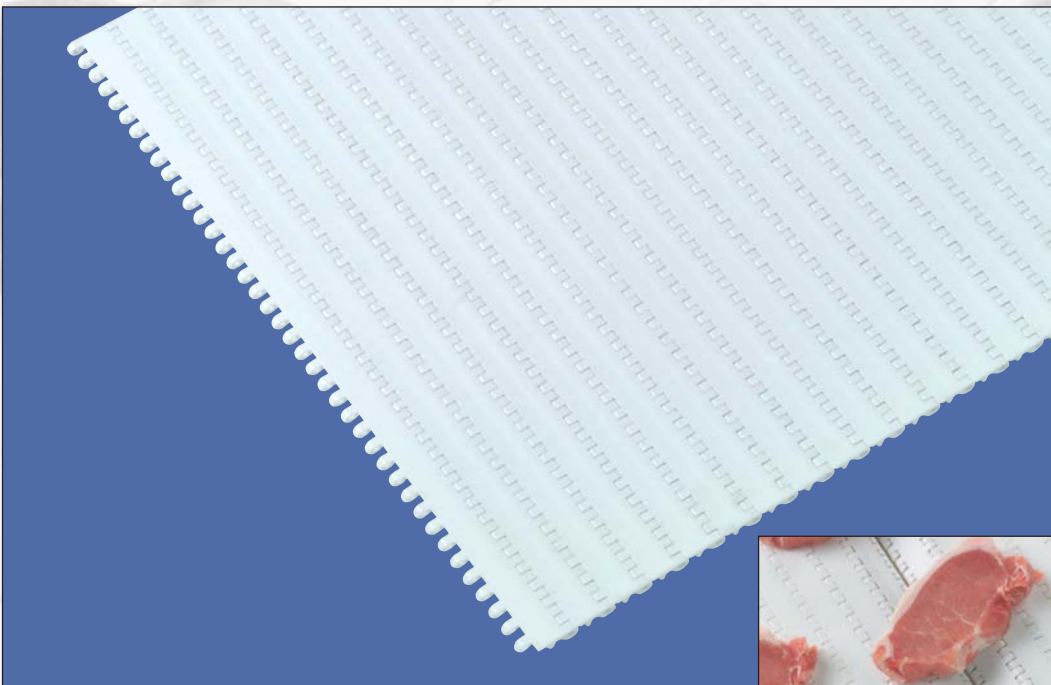




New

uni S-MPB Single Link™

**Another innovation from uni-chains for improved food conveyors:
1 in. pitch belt with a total focus on cleanability**



- **Full-width one piece design**
- **Designed for optimal cleaning**
- **Designed to reduce bacteria growth**
- **The reinforcement bar ensures high impact resistance**
- **Stable and secure conveying**





uni-chains introduces the worlds first 1 in. pitch Single Link™

Demands on conveyors and machinery in the food industry are constantly increasing. The focus is aimed more and more at clean design. In cooperation with several OEM's in the food industry uni-chains has developed the new uni S-MPB Single Link™. With a small 1 in. pitch it was designed with all the benefits of the 2 in. pitch uni MPB Single Link™. uni S-MPB Single Link™ is easy to disinfect. The directional joints, where bacteria can grow, are eliminated throughout the belt width. The surface is stiffer and the impact resistance is improved. A tighter transfer is possible due to the small pitch. The perfect solution for transporting food.



Traditional assembly pattern with numerous directional joints



uni S-MPB Single Link™ with full-width links and no directional joints

Standard Materials

POM-I PP PP PE-I PE-I

Standard pin materials:

PA6.6

Belt Weights

Belt material	POM		PP		PE	
	kg/m ²	lb/ft ²	kg/m ²	lb/ft ²	kg/m ²	lb/ft ²
uni S-MPB	8.3	1.69	5.6	1.14	5.7	1.18

Max. Load Capacity

Belt material	POM		PP		PE	
	N/m	lb/ft	N/m	lb/ft	N/m	lb/ft
uni S-MPB	23500	1610	9500	651	7850	538

The values in the tables are for belts at +20°C (+68°F). Please contact uni-chains for data at other temperatures.

Max. Load per Sprocket

Belt material	POM		PP		PE	
	N	lb	N	lb	N	lb
uni S-MPB	1100	247	500	112	500	112

Sprockets

No. of teeth: 6, 10, 12, 15, 20. Sprockets are available with square or round bore.

Standard material: Polyamide.

Other sprocket sizes are available upon request.



Bi-directional sprocket

Width of sprockets:
25.0 mm (1.00 in.)
Tooth width:
12.7 mm (0.50 in.)

Pitch: 25.4 mm (1.00 in.)

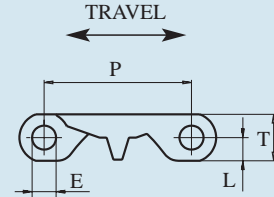
Pin diameter:
5.0 mm (0.20 in.)

Standard belt width:
507 mm (20 in.)
Smaller widths are available upon request.

Straight running

Backflex radius:
23.0 mm (0.91 in.)

Locking system: Lockpin



	mm	in.
E	5.5	0.22
L	5.2	0.21
P	25.4	1.00
T	10.4	0.41

uni S-MPB Single Link™ (1 in.) is the latest addition to the uni MPB Single Link program.

The program already includes uni MPB Single Link™ (2 in.) which is available in 3 different widths:

- 18 in. (457 mm)
- 20 in. (507 mm)
- 23.7 in. (603 mm)

