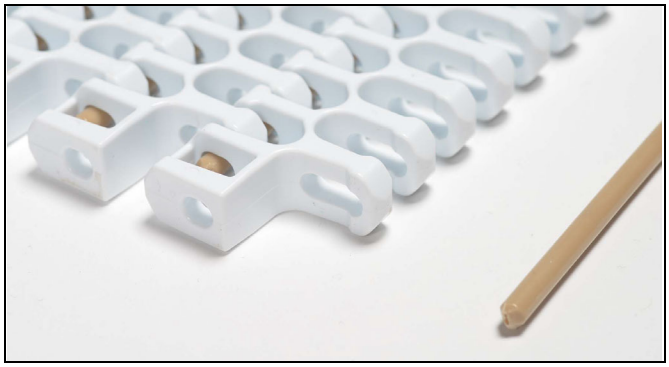
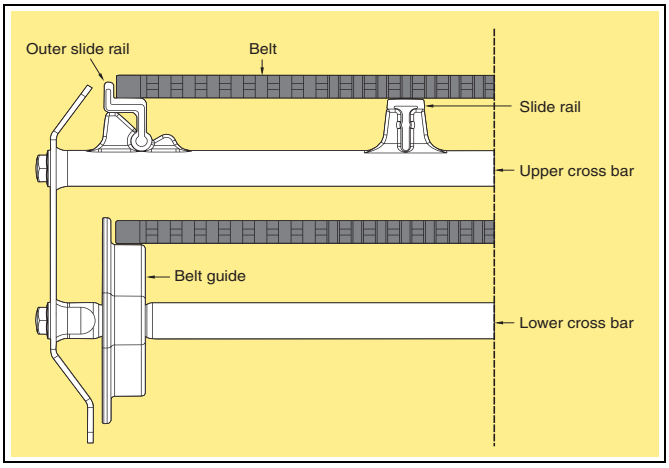
Conveyor system WL678X – Links and belts





Modular belt, Radius flush grid, curve-running

The belt consists of plastic hinged links connected by plastic rods. The belt is woven together by links that are 102 mm, 124 mm, and 180 mm wide. The assembled belt forms a wide, flat, and tight conveyor surface. Five standard widths of belt can be delivered: 152 mm, 203 mm, 304 mm, 456 mm, and 608 mm.

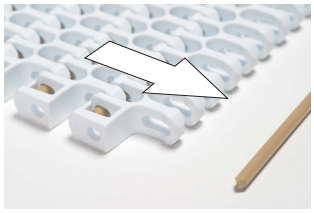
Standard belt colour is white but blue belts can also be ordered.

Belts with polyamide pins are available for dry or semi-wet applications. In constant wet applications, belts with acetal pins must be used. This is due to the fact that polyamide pins will absorb water and swell in wet applications, and acetal pins will squeak in dry environments.

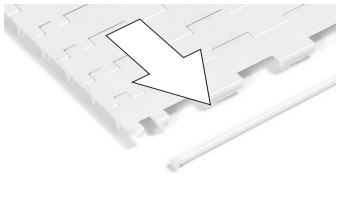
Flat top belt, straight running

The belt has a minimal number of seams and has open hinges that are easy to clean. The belt is white and is available with acetal pins for wet applications

Travel direction of the belts:



Radius flush grid



Flat top belt

Technical characteristics

Belt width	608 mm
Modular belt weight (Acetal) Radius flush grid Flat top belt	 4,57 kg/m 4,78 kg/m
Modular belt height Radius flush grid Flat top belt	 13 mm 10 mm
Belt pitch	25,4 mm
Max. permissible belt tension Belt width 304 Belt width 456 and 608 With bend Without bend	 670 N 1000 N 1000 N 1200 N

Tools and accessories

The belt should be pretensioned with a return slack of about 25 mm. Too much belt slack is a safety risk as the belt can hang below the side of the conveyor beam. A belt tensioner tool (5118803) is available in order to facilitate installation of the belt and minimize the amount of slack in the return belt.

Ordering information

The belt is delivered in assembled 1 m lengths. To calculate the total length required, remember to add for belt consumed by the idler and drive units.

Radius flush grid belt, Wet

Plain belt
Belt material Acetal (POM)
Pin material Acetal (POM), white
Length 1 m

608 mm wide, White	**WLTP 1A608L W**
608 mm wide, Blue	**WLTP 1A608 LWB**

Radius flush grid belt, Dry

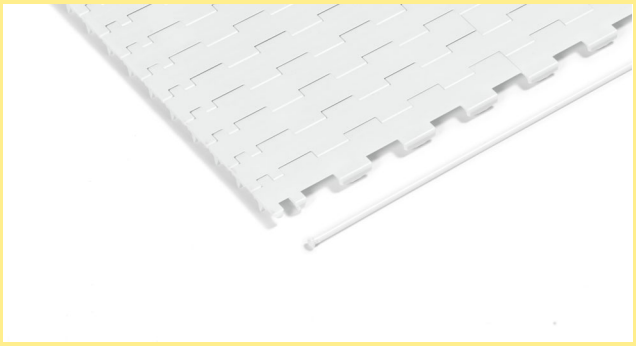
Plain belt
Belt material Acetal (POM)
Pin material Polyamide (PA), brown
Length 1 m

608 mm wide, White	**WLTP 1A608L**
608 mm wide, Blue	**WLTP 1A608L B**

Belt tensioner tool for radius flush grid

Belt tensioner tool	**5118803**

Flat top belt



Flat top belt
Belt material Acetal (POM)
Pin material Acetal (POM), white
Length 1 m

608 mm wide	**WLTP 1B608 W**

Radius flush grid belt, Wet (Spare part only - Available as request for quote item)

Plain belt
Belt material Acetal (POM)
Pin material Acetal (POM), white
Length 1 m

608 mm wide, White	**WLTP 1A608 W**
608 mm wide, Blue	**WLTP 1A608 WB**

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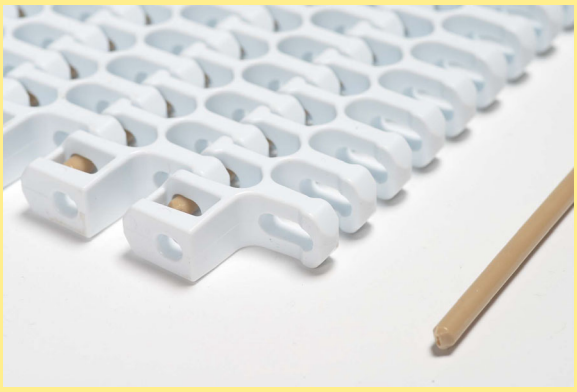
Radius flush grid belt, Dry (Spare part only - Available as request for quote item)



Plain belt
Belt material Acetal (POM)
Pin material Polyamide (PA),
brown
Length 1 m

608 mm wide, White	**WLTP 1A608**
608 mm wide, Blue	**WLTP 1A608 B**