

uni UCB – UltraClean Belt



Setting new cleanability standards
for plastic modular belts

Setting new cleanability standards for Plastic Modular Belts

The demands for food safety and hygiene are getting increasingly higher. This means that hygienic and cleanable equipment is more important than ever. Ammeraal Beltech has developed a revolutionary new belt: the uni UCB or UltraClean Belt. The best performing Plastic Modular Belt on hygiene and cleanability in the industry.

The uni UCB offers unparalleled food safety. Together with our UltraClean Two-Part Sprockets, the uni UltraClean Belt truly defines hygiene and cleanability efficiency in the food industry.



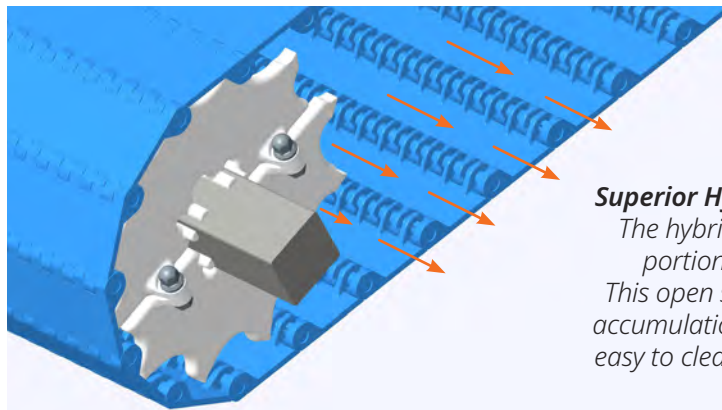
Ammeraal Beltech is member of European Hygienic Engineering & Design Group.



Food Grade belts comply with EC 1935/2004, FDA and USDA standards.

KEY ADVANTAGES

- Clean ability = **Clean Belt**
- Hybrid hinges
- Superior Hygienic Performance
- Lightweight
- Unique lock-pin system
- Hinge driven
- UltraClean Two-Part sprocket compatible
- **Low cost of ownership**



Superior Hygienic Performance

The hybrid hinges expose large portions of the uni UCB's pin. This open structure prevents dirt accumulation and makes the belt easy to clean. It also allows water to flow off the belt.

LOW COST OF OWNERSHIP

- Simple cleaning & short cleaning times
- Reduces volume of cleaning water
- Simple to mount and dismount belting when needed = reduces manpower
- Easy to lift up during cleaning
- Economical: lower belt weight, lighter drive system = energy savings up to 40%
- Reduces volume of cleaning chemicals

All features add up to outstanding cleaning performance and food safety.



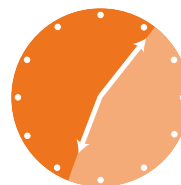
Superior
food safety



Less
detergent



Less
water
consumption



Faster
cleaning



Less
downtime



Reduced
costs

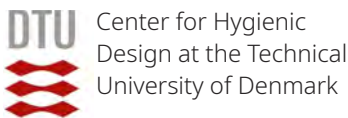
Hygienic Score DTU Cleanability Test

Independently Proven

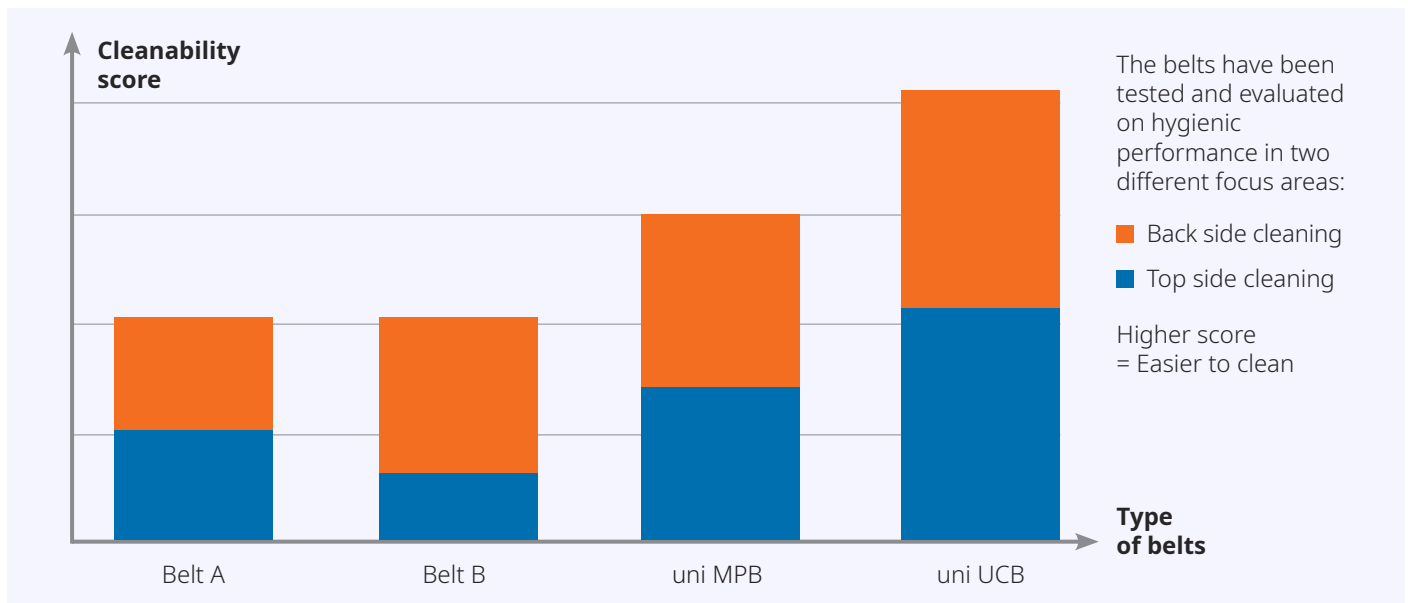
Upon request of Ammeraal Beltech, washdown testing has been performed on four different belt designs to test the hygienic performance and specifically the cleanability of each of these. A procedure suitable for objective soiling, cleaning and evaluation of the belts of different generic designs has been developed. The soiling of the belts were performed on the topside and backside in separate experiments.

uni UCB performed better than three other belt designs:

uni UCB which had the best hygienic performance of all four belts no matter the soiling side. uni UCB had the shortest cleaning time no matter which side the soil was applied to and which side was cleaned.



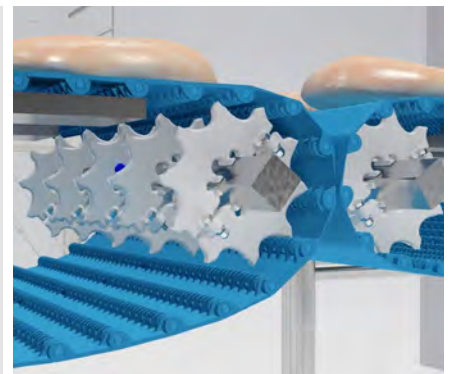
Testing the hygienic performance



The uni UltraClean Two-Part Sprocket

– Superior in food safety!

With unique features that combine all the benefits of a traditional two-part sprocket system – ease of installation and replacement, less downtime and lower maintenance costs – with unparalleled advantages in hygiene and cleaning, this innovative belt sprocket is delivering outstanding hygienic performance in demanding applications across the food industry.



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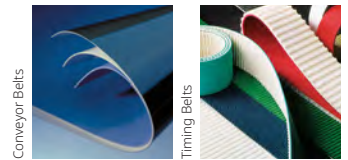
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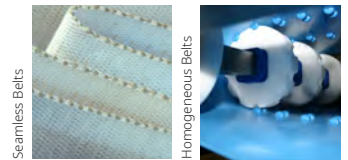
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