



Soliflex PRO

The Ultimate Hygienic Belt

When hygiene is of the utmost importance

A new generation of belts is ready to help food processing companies to meet stricter hygiene demands.



Ammeraal Beltech member of European Hygienic Engineering & Design Group



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

Ammeraal Beltech is a leading manufacturer of process and conveyor belting with an established reputation for developing innovative solutions for belting applications.

Working closely with OEM's and end users, Ammeraal Beltech has developed a range of homogeneous belts without a fabric tension member: called Soliflex. The Soliflex PRO range has drive lugs on the bottomside to achieve a positive drive. These belts can be installed to existing conveyors.

The Soliflex PRO range is particularly suitable for applications in the food industry.

Typical applications are situations where hygiene is of the utmost importance, such as:

- Meat and poultry processing
- Vegetable processing
- Fish and seafood processing
- Dairy products
- Confectionery products
- Bakery products

The unique self-tracking systems of Soliflex PRO

Two ways of self-tracking; by sprocket design or using the slider bed.



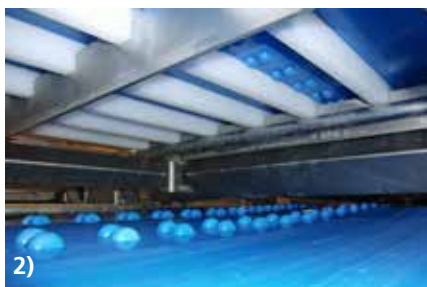
The innovative Soliflex PRO concept allows for self-tracking in two ways:

1) By unique sprocket design

The special rim on the sprocket interacts in between the drive lugs. The belt is fixed in position on the drive and return pulley.

2) By using the slider bed

Slider bed strips are positioned in such a way that they act as guides for the drive lugs. In this way the belt is self-tracking over the entire slider bed.



Not all Soliflex and Soliflex PRO products are available in all areas. Contact your Ammeraal Beltech sales professional for additional information.

Reduce your total costs ... cleaning and operational

AMMERAAL BELTECH SOLIFLEX (PRO) HOMOGENEOUS BELT RANGE

- » The small round drive lugs allow for quick and efficient cleaning from all directions (C.I.P. - Cleaning In Place)
- » Smooth homogeneous belt surface reduces bacterial growth and therefore improves product shelf life
- » Solid, homogeneous belt without fabric layer; no hinges; no product contamination
- » Conforms to major international food standards

Highest hygiene level

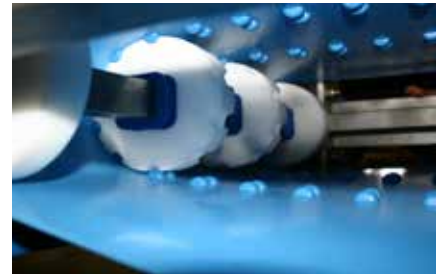
- » Excellent product release; less waste
- » Belt and sprocket engagement in a self-tracking design for smooth operation
- » Low stretch, low tension, allowing for smaller/lighter installation parts (bearings, shafts, etc.)
- » Less downtime because of easy splicing or hygienically designed belts fasteners

Optimized production throughput

- » Easier to clean in minimal time + less water
- » Positive drive; no slippage, higher belt loads, less maintenance
- » Self-tracking; no wear, no problems with off-tracking belts
- » Simple retrofitting to existing conveyors

Reduced operational costs

Soliflex PRO combines the benefits of fabric based conveyor belts and modular belts into one unique self-tracking product. The smart concept enables easy cleaning which reduces your total cleaning costs.



General Technical Data	
Belt type	Soliflex PRO
Material	thermoplastic PU or TPE
Colour	light blue
Finishing	smooth or R18/F1 diamond profile
Pitch drive lugs	51 mm
Belt thickness	1.5, 2, 3 and 4mm
Min. sprocket dia.	94.7 mm (PU 2 mm); 127.3 mm (TPE 2 mm)
Temperature range	-10 to +70°C (PU); -20 to +80°C (TPE)
Food standards	EC1935/2004, USDA, FDA
Feature	low noise

- » Soliflex belts without drive lugs are also available.
- » the low stretch TPE material is especially used for longer, heavier load conveyors.

Wide range of
belt accessories
available.



Carriers



Sidewalls



Belt fasteners

New Ammeraal Beltech SAFE & CLEAN belt concept

Soliflex PRO is made within the **SAFE & CLEAN** concept with the target to reach the highest levels of hygiene and cleanability.

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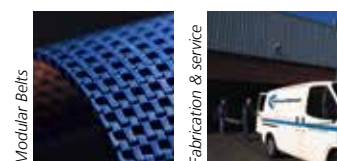
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