



## Introduction

Belt edges of conveyor belts are standard finished with slited edges. The open edges are not protected against external influence. At Ammeraal Beltech we use three protection levels of closed belt edges, with different benefits.

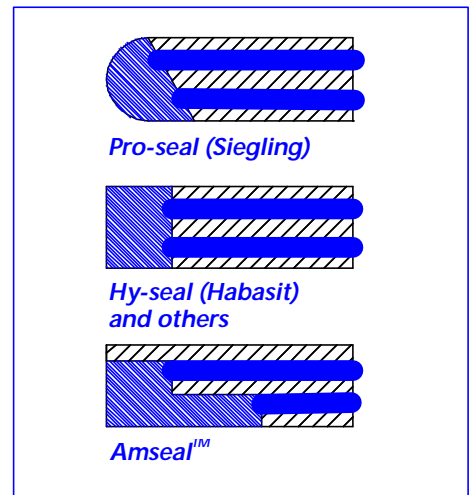
1. Kleen™ belt edges (Foulds UK), the belts are built up with special fabric layers to reduce fraying of the belt edges.
2. Closed belts edges, the belt edges are protected with a solid thermoplastic strip straight at the top cover and belt edge, AB in Spain and most of our competitors are producing this concept.
3. Amseal™, the belt edges are provided with a solid thermoplastic strip in double step geometry at the belt edge. The top cover is closed over the full width of the double step. Therefore Amseal™ is a unique Ammeraal Beltech accessory and can easily be applied to all kind of synthetic conveyor belts.

*This "Fabrication INFO" provides only information about Amseal™ like; objectives, market segments, cost calculation and the use of necessary materials.*

## Amseal™, an unique concept

Due to Amseal™ we are meeting the hygienist standard like USDA. With Amseal™ the belt edges are protected against all kind of external influences and circumstances. Internal tests prove and guarantee the quality of Amseal™. Some of the test results in comparing to the products of our competitors are;

- No or less reduction of lifetime, when the Amseal™ edge fouled the machine frame. With the concept of our competitors, like pro-seal and Hy-seal, the edges are damaged in a couple of days.
- Closed and smooth top cover with Amseal™. The most of our competitors have single rope construction; the top cover can easy be damaged in practice, for example in small drum diameter applications.
- Amseal™ is easy to fit at belts with a very thin top cover (0.15 mm). With single rope concept of competitors not possible.
- Amseal™ can be fit at all kind profiled belt types. Example for airports; PVC belt with A20 profile and TPE-E edges.



## 1. Benefits with Amseal™

*Your customer will be satisfied because:*

- NO bacteria growth = *More hygiene;*
- NO frayed belt edges = *NO fabric particles in the product;*
- NO chemicals entering the fabric = *The belt has a longer life time;*
- LONGER lifetime because of high quality *protected edges against wear;*
- VISUALLY good and better looking product lines;



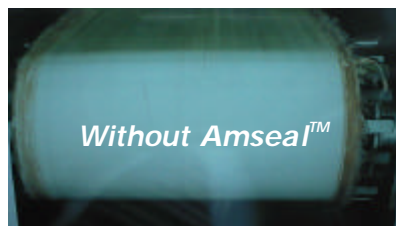
You will be satisfied because:

- UNIQUE PRODUCT, customer relationship;
- MARGIN for your workshop
- ADVANTAGE over competition
- MORE sales of square meters conveyor belt

## 2. Market for Amseal™

Priority areas for Amseal™ are:

- FOOD industry in general like meat & poultry, canning, dairy, bakery..
- TOBACCO industry
- AIRPORTS (high wearing resistance of the belt edges)



Without Amseal™



With Amseal™

Use of Amseal™ in Food industry



Use of Amseal™ in the Tobacco industry

For more detailed information about the market for Amseal™, please consult Product Management Synthetic Belting

## 3. Amseal™ products

Available rope materials

Rope material	Ivory	Transp.	White	Green	Black	d.green	L.blue
PVC			✓	✓			✓
PVC AM*							✓
TPU-85			✓				
TPU-85 AM*							✓
TPU-93			✓			✓	✓
TPU-93 AM*							✓
PE		✓					
TPE-E	✓				✓		✓

\*) AM = AntiMicrobial material

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