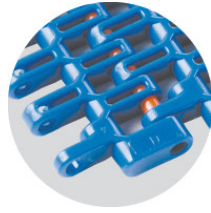


Solution Guide



uni SNB M2 TAB
Straight Running Belt

- Industry > **Beverage, Plastic Bottles**
- Application > **Capper Machine**
- Description > **Bottles or cans accumulate on a conveyor as they are capped after filling**

This is typically a short conveyor with some type of fabric belt or a slat top chain like uni 820 or uni 815 (K325, K450, K600 or K750). Accumulation will typically occur so product stability is an issue.



uni 820 chain on a capper machine

Problems

> Problem 1

The slat top chain is not very stable. While the bottles or cans accumulate the gaps between the links of the chains can cause them to tip and cause jam-ups. The stability is also important to avoid spillage.

> Problem 2

Spillage of acid or other chemicals will remain on the surface of the slat top chain and break down the material.

> Problem 3

Spillage of many chemicals will break down and degrade the POM material of the slat top chain.

Solutions

> Solution 1

Product: PP or D uni SNB M2 TAB (K325, K450, K600 and K750). This Multi-Hinge belt does not have the gaps between the links and will run in the same wear strips as the uni 820 or uni 815 slat top chains. Only the sprockets will have to be replaced.

> Solution 2

The uni SNB M2 TAB has an open surface to allow spillage to drain.

> Solution 3

uni SNB M2 TAB belt is able to be made in PP material for chemical resistance. This is possible because of the load sharing between all the hinges, as compared to just one hinge on a slat top chain.