

Solution Guide



uni MPB RO
Straight Running Belt



uni MPB Single Link®
Straight Running Belt

- Industry > **Meat**
- Application > **Fat & Trim Lines, Plastic Bins**
- Description > **Fat/Trim conveyors are found throughout the processing area of the meat plant**

These conveyors run along both sides of the deboning tables (cutting lines) below the work surface where the trimming takes place. The pieces of fat and trim are dropped onto the conveyor belt below (in this case a plastic bin). Various conveyors transport the trimmings to further processing like hamburger lines, etc.



uni MPB on a trim line

Problems

> **Problem 1**
These belts are difficult to clean with a traditional bricklay pattern.

> **Problem 2**
Maintenance time and ease of maintenance are important. The belt should be easy to disassemble if links need to be removed and also easy to assemble if a section must be replaced.

> **Problem 3**
Box/tote handling belts often wear out quickly because of the accumulation on the belt. This also causes wear on the boxes and can make the belt appear dirty.

Solutions

> **Solution 1**
The uni MPB Single Link® is assembled from fully symmetrical modules molded up to 24 in. wide. This creates fewer seams across the belt than competitor's belts made with 6 in. wide modules. This concept of fewer seams reduces cleaning time by 50% compared to traditional bricklaid belts.

> **Solution 2**
The unique molded lockpin (PP or PE) system on the uni MPB belt makes belt assembly/disassembly very easy. The pin can be removed from one side of the belt and reused for re-assembly. Downtime and maintenance time is greatly reduced by this locking system.

> **Solution 3**
For accumulation uni MPB RO (POM-DI) with rollers is recommended to allow boxes to accumulate with low friction. If rollers are not used uni MPB in POM-DI in grey color is recommended to maintain a better appearance under accumulation conditions.