RAPPLON® - Food Grade Elastic Metal Detectable Belts
In a world where food safety is paramount, Ammeraal Beltech is extending the range of homogeneous food grade elastic belts made of premium polyurethane introducing the new RAPPLON® Elastic & Metal Detectable Belts, specifically made for food, beverage and pharmaceutical industry applications.

The consequences of compromising on food safety are severe, including costly product recalls that can tarnish a brand's reputation. RAPPLON® Metal Detectable Belt acts as an insurance policy for food brands, offering a unique identification system that ensures the integrity of your products.

A solution to foreign body contamination

Foreign bodies, often originating from broken belt parts, pose a significant risk to food safety. They can contaminate our food products and jeopardize the health of consumers. RAPPLON® Metal Detectable Belt has been designed to filter out foreign bodies coming from broken belt parts from Food.

With advanced features like blue coloring, these belts set a new standard for quality and performance. They serve as efficient tools to minimize the risk of belt contamination, ensuring that food production process remains streamlined and safe.

The innovative system incorporates test-cards, allowing:
• proof of detectability
• identification of the minimum coin size of possible detection

<table>
<thead>
<tr>
<th>Main features</th>
<th>Main benefits</th>
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<tbody>
<tr>
<td>Made of metal detectable food grade material</td>
<td>Food safety and high hygienic standard; Decreased risk of contamination; easy-to-clean</td>
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<tr>
<td>Reliable and stable elasticity</td>
<td>Simple tracking, low load on shafts and bearing; Extended lifetime of bearings</td>
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<tr>
<td>Easy and fast splicing method (QuickSplice Technology)</td>
<td>Less downtime maximising production output; Highest safety levels for maintenance staff; No need for dismantling of machines</td>
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**High elastic polyurethane:**
- Low load on shafts and bearings
- Self-tracking
- Material lay flat and follows slider shape

**Completely made from extruded polyurethane:**
- Deep sanitation because of homogenous Food Grade material
- No edge fraying as there is no fabric
- Dark blue colour for food industry
- Metal detectable

**Different structures available:**
- Easy-to-clean

**Splicing:**
- Quick and reliable with QuickSplice Tools
- No glue involved

**Technical data**

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Thickness [mm]</th>
<th>Tensile strength at 6% elongation dynamic [N/mm]</th>
<th>Friction steel in µD</th>
<th>Surface colour</th>
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<tr>
<td>FBUU054B00</td>
<td>UU N10 RFQ FG MD</td>
<td>1,0</td>
<td>1</td>
<td>0,2</td>
<td>Dark blue</td>
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**QuickSplice joining method**
- Compatible with your legacy popular splicing equipment and even allows for a modern finger geometry for “hassle free” splicing

**RAPPLON®** Metal Detectable Belts are not just about safety; they’re also about efficiency. The new solution is very similar to the standard elastic belts in terms of lifetime, abrasion resistance, elasticity, and easy splicing while combining food safety features.
Discover Your Local Contacts

The local partner of choice for sustainable conveyor belting solutions - around the globe.

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