

RAPPLON® - Food Grade Elastic Metal Detectable Belts



No Compromise on Food Safety:



Ammeraal Beltech is member of European Hygienic Engineering & Design Group



Food Grade belts comply with EC 1935/2004 and FDA standards supporting your ISO 22000 requirements (previously HACCP)

Introducing 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

Main features	Main benefits
Made of metal detectable food grade material	Food safety and high hygienic standard; Decreased risk of contamination; easy-to-clean
Reliable and stable elasticity	Simple tracking, low load on shafts and bearing; Extended lifetime of bearings
Easy and fast splicing method (QuickSplice Technology)	Less downtime maximising production output; Highest safety levels for maintenance staff; No need for dismantling of machines

Improve Hygiene, Food Safety and Reduce Maintenance During Installation and Service

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.

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

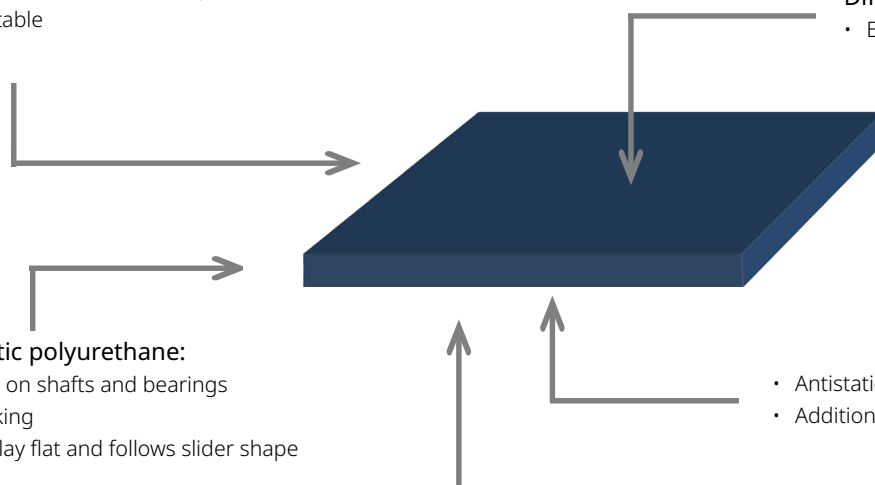
High elastic polyurethane:

- Low load on shafts and bearings
- Self-tracking
- Material lay flat and follows slider shape

- Antistatic properties
- Additional safety in dusty environment

Splicing:

- Quick and reliable with QuickSplice Tools
- No glue involved



QuickSplice joining method

- Compatible with your legacy popular splicing equipment and even allows for a modern finger geometry for "hassle free" splicing



Technical data

Item	Description	Thickness [mm]	Tensile strength at 6% elongation dynamic [N/mm]	Friction steel in μ D		Surface colour	
				Bot-tom side	Top side	Bottom side	Top side
FBUU054800	UU N10 RFQ FG MD	1,0	1	0,2	0,2	Dark blue	Dark blue



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