

# RAPPLON® Homogeneous Elastic Belts for the Food Industry



## Easy to install, completely Food Safe and reliable

Ammeraal Beltech offers a complete range of homogeneous Food Grade Elastic Belts made of premium polyurethane approved for numerous applications within the Food Industry.

### Main features:

- Conform to Food Safety & hygiene standards
- Reliable and stable elasticity
- Easy and fast splicing method reducing downtime
- Different surface properties available
- Specific versions suitable for metal detectors

# RAPPLON® Homogeneous Elastic Belts

## Easy installation and Food Safety

Ammeraal Beltech, the leading belting supplier in the Food Industry, continuously extends its range of products to be your preferred One-Stop Belt Shop partner.

### Food Safety & Hygiene

Homogeneous high quality polyurethane belts are specifically made for food processing and packaging applications where Food Safety & Hygiene is always a must. Our materials virtually cannot contaminate any food product.



Ammeraal  
Beltech member  
European Hygienic  
Engineering  
& Design Group



Food Grade belts  
comply with  
EC 1935/2004,  
EU 10/2011 and  
FDA standards

# RAPPLON® Elastic Spreader Belt

## Complete all-in-one solution



We have developed a new Elastic Spreader Belt offering all-in-one solutions, including high performance and easy on-site installation.

### 54562 UU N16 SP5Q FG

#### Non-stick P5 profile with excellent release properties

The combination of polyurethane and a profiled conveying surface permits the use of a wide variety of fresh sticky dough. Our customers are reporting excellent release performance across a selection of different spreader processing equipment.

#### Easy installation, reliable elasticity and no retensioning – ever!

These new belts have long-wearing dimensional stability, eliminating elongation during use, so there's never any need for retensioning - no maintenance needed. This also means no take-ups are needed, saving on operational space and complexity. What's more, they're extremely easy to install.



Putting Food Safety and  
hygiene first!

# RAPPLON® Check Weigher Belt

## Precision in motion



Checkweighers (or belt weighers or in-motion scales) automatically check the weight of unpacked or packaged commodities ensuring a smooth outflow at the end of the production process.

### **Non-stop safety with metal detectors**

The non anti-static and homogeneous properties of our Rapplon® Elastic belts help eliminate false readings, and their consistent elasticity means that your metal detectors can operate maintenance-free on a 24/7 basis.

### **Easy, three-step reliable splicing**

Our new belt range stands out in part thanks to our Rapplon® QuickSplice system. Our unique, easy-to-use and speedy splicing method reduces down-time and costs by allowing your own staff to perform belt replacements on-site and in minutes. No need for outside-fitters anymore!



# RAPPLON® High Grip Belt

## Excellent grip guaranteed

### 54550 UU N06 RFQ HG FG

Ammeraal Beltech has developed this specific homogeneous Food Grade Elastic Belt with a high grip surface to transport and process products such as unpacked foodstuffs. The high coefficient of friction ensures high process speed particularly at acceleration and/or inclined sections, even in environments with lower temperatures.

The RAPPLON® High Grip Belt is a high performance solution for light material handling which is also used in industrial segments like printing, paper, logistics and mail handling.

Increased output and a reliable process flow along with homogeneous Food Grade properties are some of the outstanding benefits of our 54550 UU N06 RFQ HG FG.



#### Technical data Rapplon® Homogeneous Food Grade Elastic Belts

Item code	RAPPLON® Belt description	Thickness in mm	K6% in N/mm dynamic	Recommended tension %	Min. pulley Ø in mm	Thermal operational area in °C	Anti-static
54532	UU N06 RFQ FG	0.80	0.6	2.0 - 6.0	6	+0 / +60	Yes
54563	UU N08 RSQ FG blue	0.80	0.8	2.0 - 6.0	6	+0 / +60	No
54543	UU N08 RSQ FG white	0.80	0.8	2.0 - 6.0	6	+0 / +60	No
54533	UU N12 RFQ FG	1.15	1.2	2.0 - 6.0	15	+0 / +60	Yes
54540	UU N16 RSQ FG blue	1.10	1.6	2.0 - 6.0	20	+0 / +60	Yes
54551	UU N16 SSQ FG	1.10	1.6	2.0 - 6.0	20	+0 / +60	Yes
54534	UU N17 RFQ FG	1.50	1.7	2.0 - 6.0	20	+0 / +60	Yes
54535	UU N22 RFQ FG	1.85	2.2	2.0 - 6.0	25	+0 / +60	Yes
54550	UU N06 RFQ HG FG	1.10	0.6	2.0 - 6.0	6	+0 / +60	Yes
54562	UU N16 SP5Q FG	1.20	1.6	2.0 - 6.0	20	+0 / +60	Yes

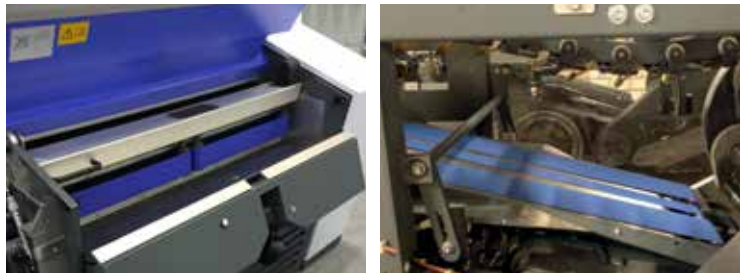
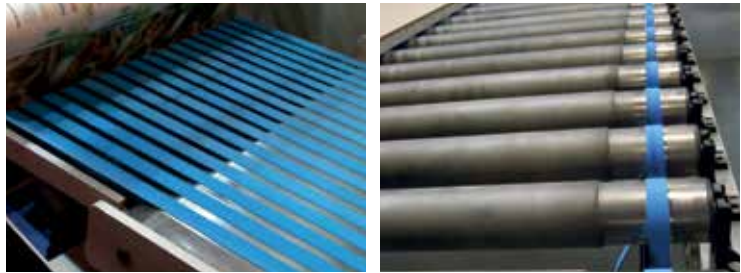
# RAPPLON® Elastic Belts

## Not just for the Food Industry



Our new range has already established a proven high-performance track record in a number of different industrial segments:

- Printing Industry
- Post Printing Industry
- Tissue Manufacturing
- Mail Sorting
- Textile & Leather Industry
- Light Roller Drives
- Light Power Transmission
- Wood Industry
- Tyre Industry
- ... and many more



### Rapplon® belts give you the edge

Feature	Advantage	Benefit
Homogeneous Food Grade material	Easy cleanability No edge-fraying	Highest possible hygienic standards No bacteria source, less contamination
Flat-lying fit	No lifting at edges	Less contamination under belt
No elongation	No retensioning needed	Just fit and forget
High elasticity	Low load on shafts and bearings	Extended lifetime of bearings
Smooth surface finish	No fluff accumulation	Smooth operation without interruption
Non-Stick P5 surface finish	Excellent release properties	Uninterrupted operation
QuickSplice technology	Easy and quick on-site belt splicing No glue required	Less downtime maximising production output Highest safety levels for maintenance staff No need for dismantling of machines
Anti-static properties	No electrostatic charges	Safety in dusty and dry environments

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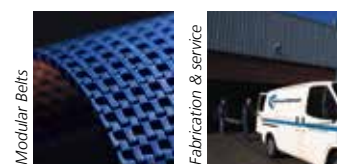
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