



**Your business  
is our business!**

# Belts for the Wood Panel Board Industry

## Ammeraal Beltech

- knows your process
- for all your belting needs
- just-in-time delivery





## Understanding your business

### Solid industry knowledge and experience

Within the Panel Board Industry, Ammeraal Beltech has been setting the standard for years with consistent high quality products and market specific features.

Modern high performance wood processing involves production of large volumes of particle board, MDF, HDF, OSB and plywood. Leading OEMs and end users choose Ammeraal Beltech belting solutions for reliable and safe processing.



Medium & High-Density Fiberboard (MDF and HDF)

Particle Board (PB)

Oriented Strand Board (OSB)



### ATEX certified belts

- Materials in gas or dust form can become flammable or combustible even if they are normally not, which may create a potentially explosive environment.
- Equipment in these environments can only be used safely if complying with the ATEX Equipment Directive.
- Ask the Ammeraal Beltech experts for the current ATEX qualified belt range suitable to be used in most common potentially explosive zones.

Find out more at [www.ammeraalbeltech.com](http://www.ammeraalbeltech.com)



## A trusted partner in the wood industry

**Ammeraal Beltech partners with its customers, OEMs and End Users alike, to provide conveyor and process belting solutions that can improve product quality, reduce maintenance times and lower manufacturing costs.**

### Innovative solutions to meet customer challenges

Industry challenges		Ammeraal Beltech Solutions
Prevention of antistatic loading	→	Antistatic belts
Potentially explosive environment	→	ATEX certified belts
Minimum downtime	→	QuickSplice and ZipLink® belts
Reliable operation	→	Seamless endless woven belts
Chemicals	→	Linatex PU coated belts
Wear resistance	→	Polyurethane belt covers
Abrasion resistance	→	RAPPLON® power transmission belts
High efficiency	→	uni modular belts

We offer a wide range of belting products. By choosing Ammeraal Beltech, you can not only reduce your supplier base, you will also have access to our worldwide network of industry and product specialists.

**ONE STOP belt** local stock  
quick belt replacement  
short delivery time  
24/7 service

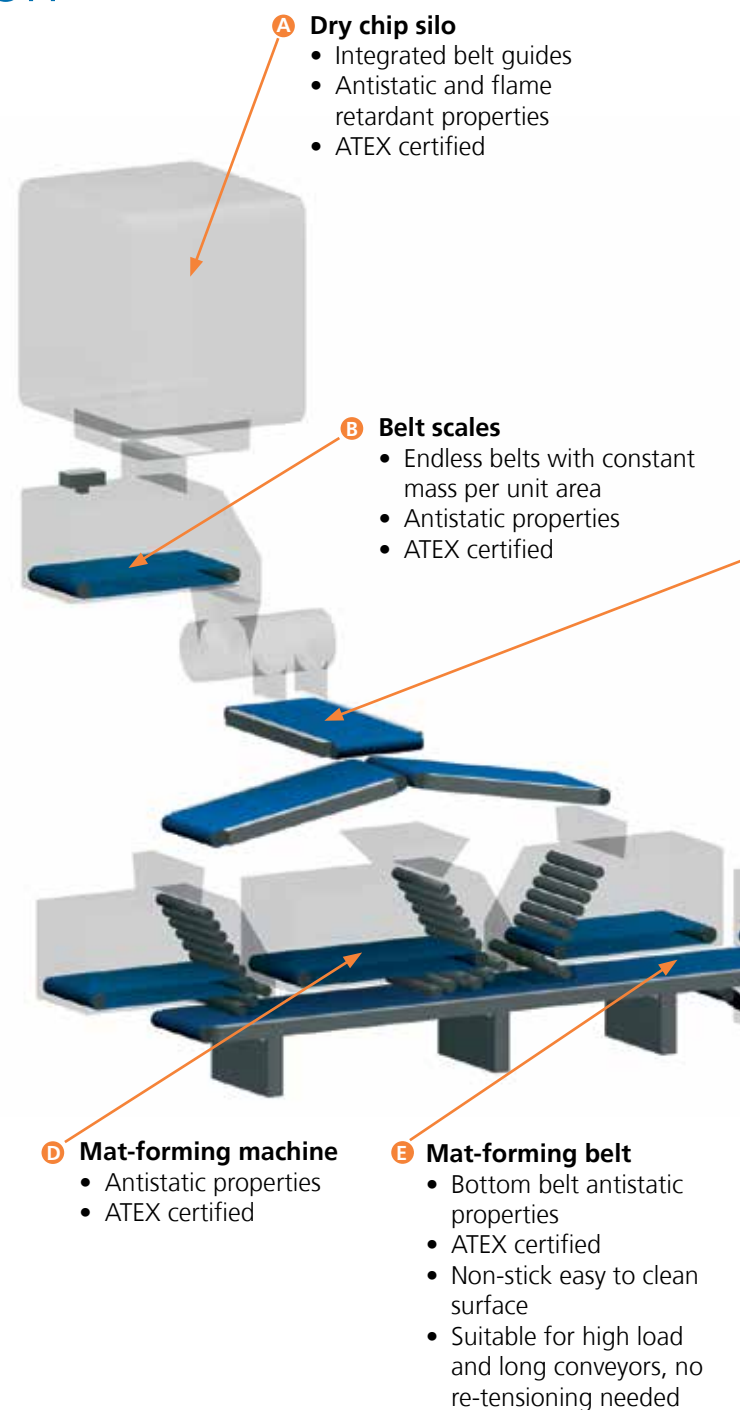




## Chipboard Panel Production

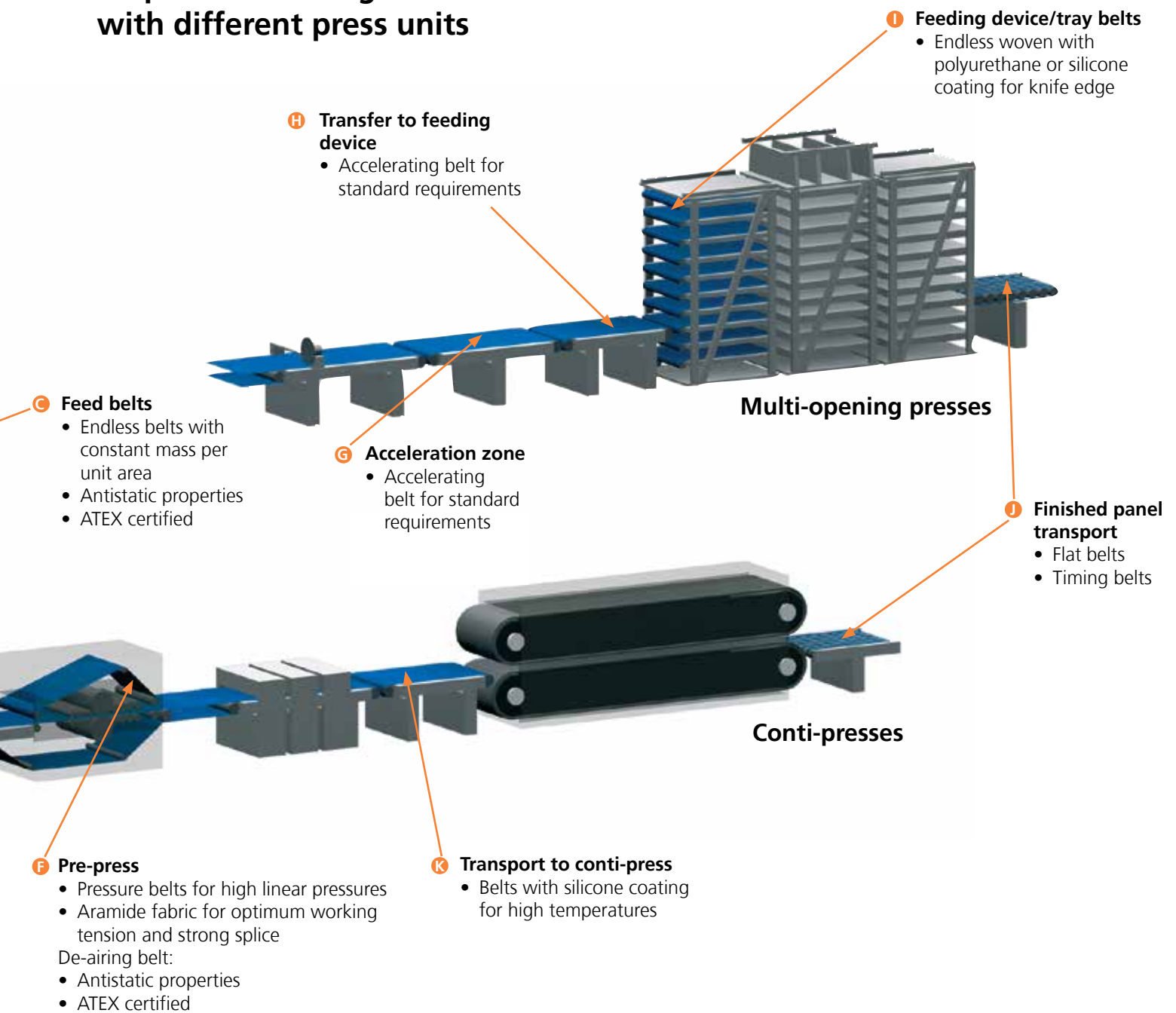
Ammeraal Beltech belting products reduce production losses.

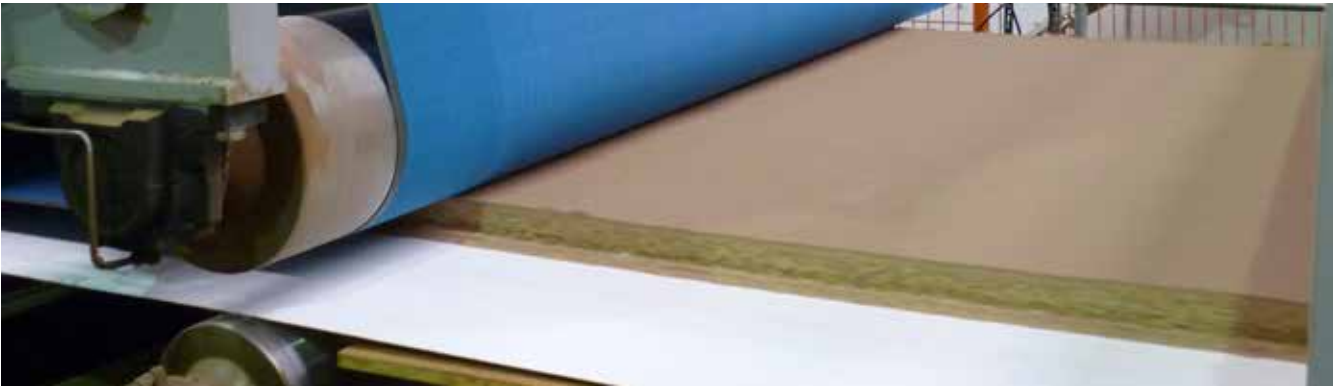
- › High durability, reliable and abrasion resistance belts keep maintenance and belt wear to a minimum.
- › Wear resistant cover materials give extremely good resistance against wood pulp, promoting extended belt life.
- › Our conveyor belts, endless woven belts and plastic uni modular belts have been specially developed to full specific production requirements.





## Chipboard forming line with different press units





## Ropanyl Forming Belts

Our Ropanyl forming belts are made of high quality fabric with a thin PU coating to provide reliable processing of wood fibres and chips.

### Main features

- Longitudinally flexible; suitable for small diameter transfers (typically 25 mm at a 135 degrees turn)
- High force/elongation value; suitable for high loads and long conveyors, no re-tensioning needed
- Dimensionally stable; excellent tracking properties and lays perfectly flat
- Very good antistatic properties; no material accumulation due to build up of electronic charge
- Good abrasion and chemical resistance
- Excellent tracking properties; easy to clean
- Strong splice made with unique Maestro equipment

### Benefits

- High performance
- Maintenance free
- Long belt life & ATEX approved

### Applications

- Transfers & accelerating
- Board conveying & finishing
- Drying tunnel

The effectiveness of our forming, transfer, accelerator  
and Pre-Press Belts for Particle Board Production  
is proven in many factories worldwide





## Ropanyl Pre-Press Belts

Ropanyl pre-press belts are made of aramide fabric with a highly qualified cover surface to provide maximum compressing and reliable distribution of compression.

### Main features

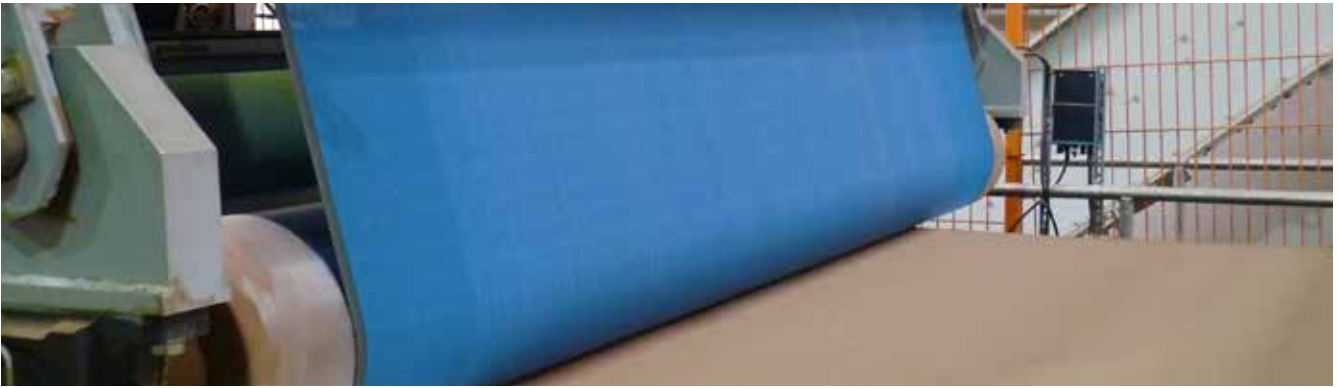
- High force elongation value
- Good abrasion resistance and a homogeneous belt surface
- Excellent antistatic properties; no build-up of electronic charge
- Very good chemical resistance
- High pressure resistance; good distribution of compression
- Strong splice made with unique Maestro equipment

### Benefits

- Excellent belt performance
- High production safety
- Maintenance free
- High quality production
- Long belt life
- ATEX approved

Available as spliced or truly endless version for high forces





## De-airing belt for Particle Board Production

Our de-airing belts are made of high quality polyester monofilament. Carefully selected bronze yarns woven in a maze structure assure the best electrostatic discharge and prevent particle build-up.

### Main features

- Highly flexible
- Excellent tracking properties
- Balanced air- permeability
- Good abrasion and chemical resistance
- Easy to clean surface
- High pressure resistance; good distribution of compression
- Highly antistatic due to bronze maze

### Benefits

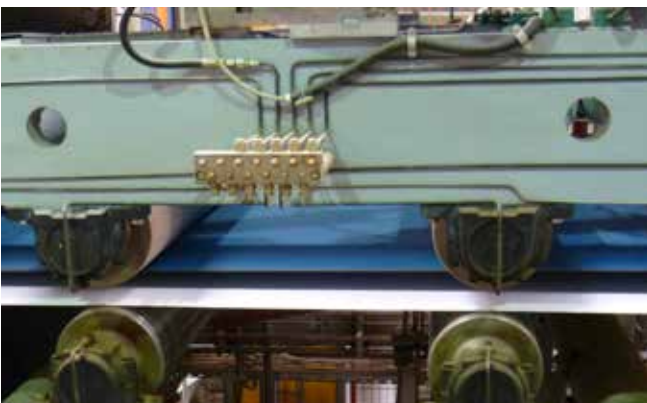
- No particle build-up as result of electrostatic discharge
- High production safety
- High quality production
- ATEX approved

### Applications

- Transfer and accelerating
- Board conveying
- Finishing
- Drying tunnel

### Belts can be equipped with 4 different splices

- Endless Woven
- Stainless steel fastener
- Plastic pin-seam
- Finger splice prepared







## Infeed belt for Panel Board Production

Ammeraal Beltech infeed belts for conti-presses are based on the ZipLink® concept: the quickest splice method ever allows you to install a seamless belt without disassembling your machine, resulting in a major increase of your production time and cost savings.

Ammeraal Beltech infeed belts are made of high quality polyester monofilament with a Silam silicone impregnation. The special design allows the belt to operate on small pulleys and knife edges.

### Main features

- Longitudinally flexible; suitable for small diameter transfers and knife edges
- Dimensionally stable; excellent tracking properties and perfectly flat
- Low friction bottomside
- Resistant against high temperatures
- Seamless

### Benefits

- Quick installation or repair; shortest production downtime
- Smooth, economical operation; less energy consumption
- ATEX approved

### Applications

- Infeed belt for conti-press
- Transfer belt



**Dynasteam – the special infeed belt which can speed up your production process by 10-30%!**



## Specialised Belting Solutions



### Specialised Belts, custom-made designs

- Positive drive, no belt slip.
- Thermoplastic and rubber covers in varying durometers and materials.
- Endless Woven pre-press belts. The truly endless construction eliminates the risk of splice failure. With antistatic properties to prevent static loading.
- UV resistant belts.



### uni Modular Belts with integrated rollers

- Excellent positioning of furniture, flooring, or shelves.
- Positive drive prevents mistracking.
- Impact resistance combined with excellent wear resistance characteristics.
- High efficiency by eliminating jams, line stoppages, and product damage.



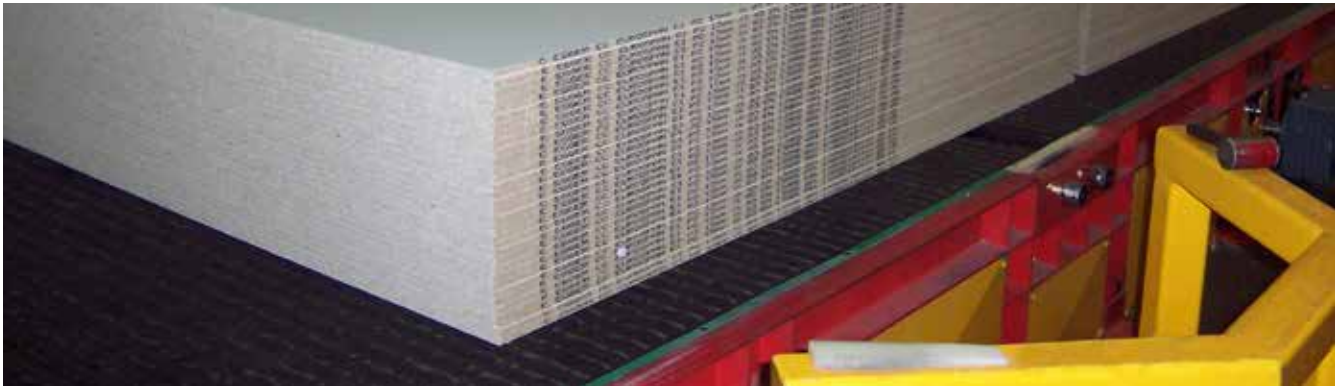
### Timing Belts

- Belts for modern production processes.
- Wide range of cover materials.
- Pin Joint for easy connection.



### High Performance Flat Belts

- High performance roller drive belts.
- Quick splicing for less downtime.
- High performance drive belts.
- Belt calculation programme.



## Just-in-time delivery

**At Ammeraal Beltech, we understand the importance of keeping your business running because we know just how costly and disruptive downtime can be.**

A solid combination of geographical coverage, industry-segment knowledge and product management is the foundation of our innovative and service-oriented organisation.

**Ammeraal Beltech has a Global Sales and Service Team and Partner Network ready to help round the clock!**

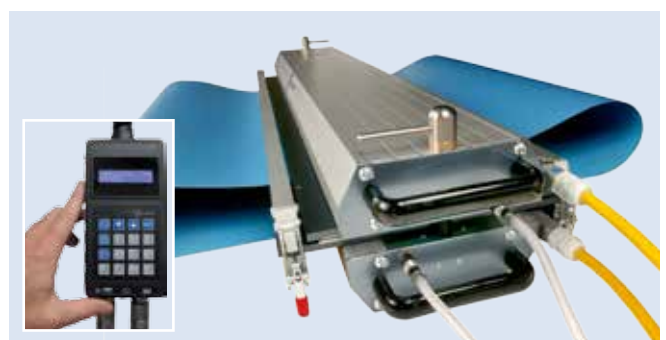


**26 fully owned operating companies  
and over 150 authorized distributors**



### **Excellent products, service, advice and fabrication**

- Ammeraal Beltech offers a wide range of belting solutions and accessories to help you improve processes to secure a seamless operation.
- Skilled personnel are on call to install or repair belts, using professional equipment that is suitable for wood production plants.
- Most orders can be dispatched directly from stock.



### **Quick, easy and precise belt splicing**

With our expanded Maestro splice equipment range, Ammeraal Beltech has taken an important step forward in the critical areas of splice quality, speed, and precision.

Our new compact, hand-held, computerized splicing press control-box is the perfect complement to our Maestro press, and makes precise splicing as easy as 1-2-3.

**Find out more at [www.ammeraalbeltech.com](http://www.ammeraalbeltech.com)**

## Want to know more? Contact us

Get in touch with your nearest Ammeraal Beltech sales office or visit [www.ammeraalbeltech.com](http://www.ammeraalbeltech.com) to locate your local service centre, and we'll be glad to help.

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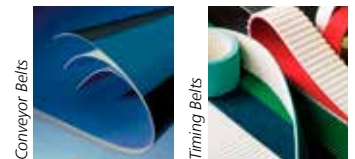
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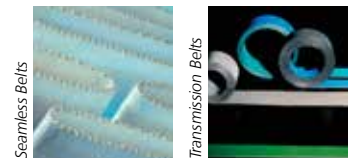
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for all your belting needs



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