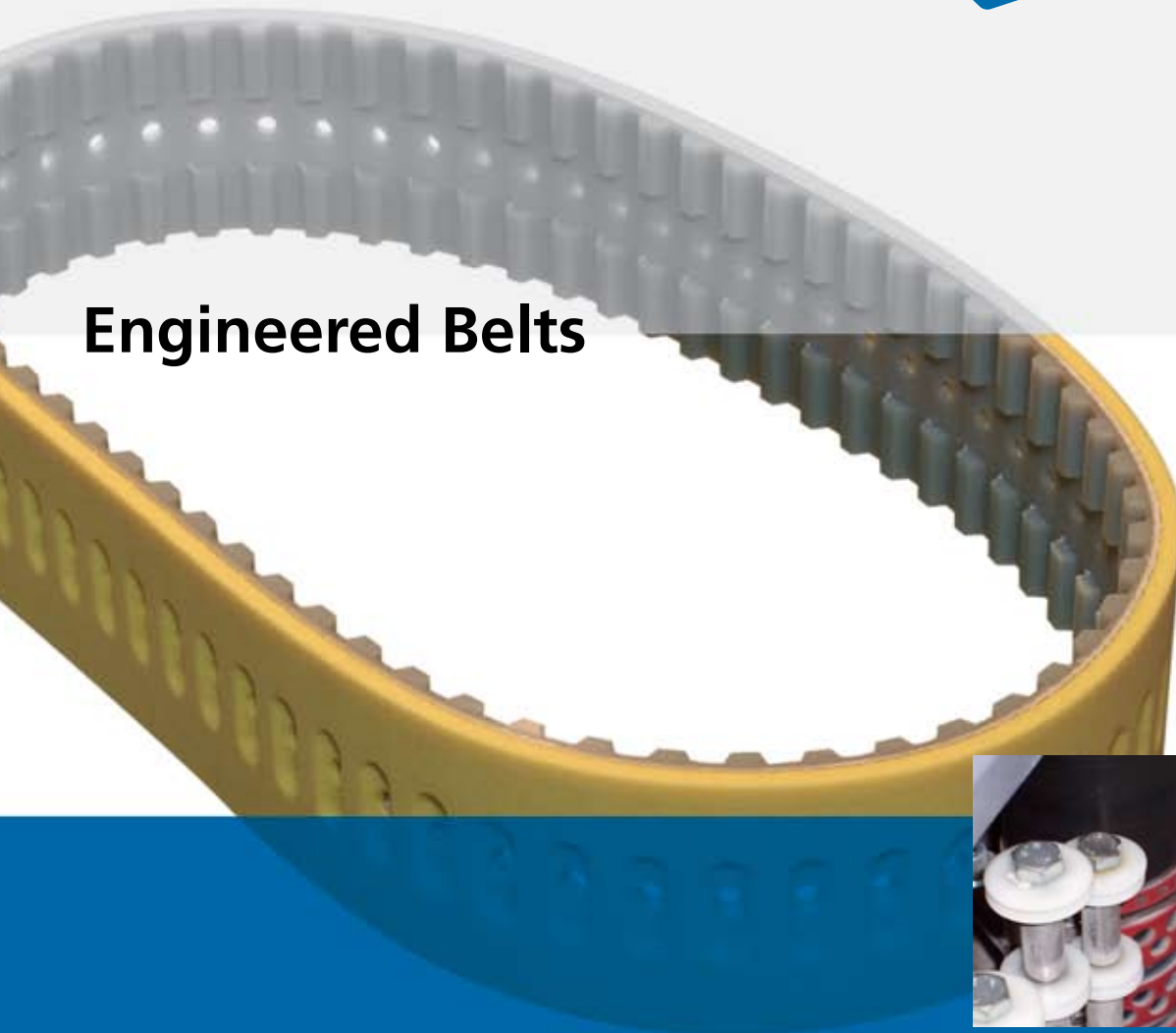


Engineered Belts



Combined material solutions
for precision and customized
product control

Engineering techniques and covering materials

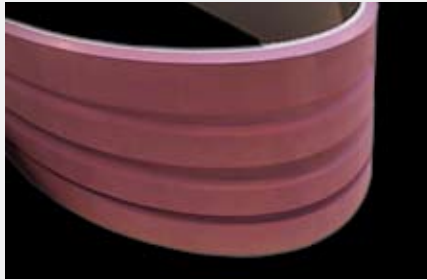
Ammeraal Beltech uses various engineering techniques to develop the belt your business requires:

- Grooving
- Embussing
- Vulcanizing
- Spray coating
- perforation methods
- Lamination techniques
- Knife coating

Ammeraal Beltech offers a full range of covering materials for all kind of special applications:

- PVC
 - › Solid soft and hard materials
 - › Food and non-food qualities
 - › different colors and patterns
- PU
 - › Solid and foam materials
 - › Food and non-food qualities
 - › different colors and patterns
- Rubber
 - › Solid and foam materials
 - › Soft and hard
 - › Food and non-food qualities
 - › different colors, supergrip
- Specials
 - › Thermoplastic technopolymers
 - › Silicone
 - › Felt
 - › Fabric
 - › Leather

Precision ground profiles on any axis of the belt or cover, control your product during manufacture.



Blue timing belt with cross-ribs embossing.



Cross slotted cover for greater flexibility and grip.



Rapplan® flat belt substrate with truly endless cast rubber on top side. Small and close cross slots for sensitive grip.



Timing belt with blue PU foam topped with a soft silicone outer cover.



Timing belt with soft cellular rubber covering.



2-ply synthetic conveyor belt with aramid felt on the top side for high temperature applications.

Special belts for specific applications

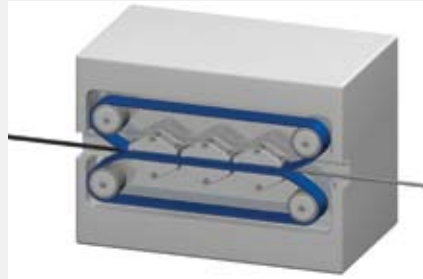
As a leading manufacturer of process and conveyor belts, *Ammeraal Beltech* has produced a range of specially engineered belts for many applications.

Ammeraal Beltech Engineered Belts are used in multiple industries:

- Logistics industry
- Paper and print industry
- Packaging machines
- Labelling machines
- Cardboard industry
- Cable and wire industry
- Electronics industry
- Wood industry
- Tobacco industry
- Food industry
- Metal industry

To the right you find five industry sectors where *Ammeraal Beltech* developed special belting solutions for.

Cable pulling belts



Cable pulling belts are specifically designed for belt caterpillars in the cable manufacturing industry. The caterpillar pulling unit, with two haul-off belts, pulls wire or cable through the entire production line, in order to adjust tension and speed during the cable manufacturing process.



Product benefits

- accurate tolerances and precise edges
- matched speed between the two belts
- equal thickness over belt length and width
- different hardness and friction coefficient of the covers
- longitudinal profiles and other fabrication possibilities
- heat and chemical resistance against plasticizers
- self tracking (Poly-V)
- wide range of force/elongation reinforcements
- range from extremely heavy and strong belts to very small and light belts

Folder gluer & feeder belts



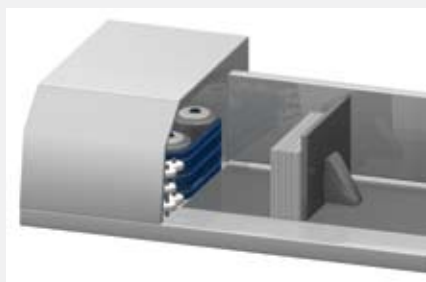
Folder, gluer & feeder belts are specifically designed for box folding, folder gluer and window patching machines in the packaging industry. Matched sets of belts feed die cut cardboard blanks from a stack into the machine.



Product benefits

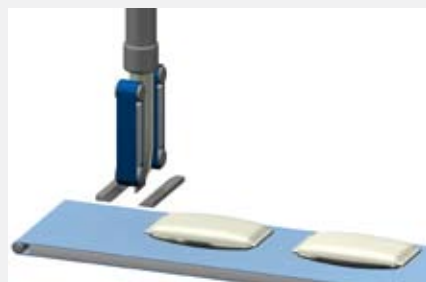
- seamless rubber coating
 - › belts can run in either direction
 - › uniform surface finish
 - › no delamination
- high friction rubber surface, non-marking
- excellent wear and tear resistance
- equal thickness over belt length and width
- precise hole perforations

Postal feeder belts



Postal feeder belts are used in mail sorting machines for feeding mail from the loading area through to the sorting unit. The pick-off belts are installed in sets and are very often perforated with holes for vacuum-assisted feeding.

Pull down belts



Pull down belts are used in vertical form-fill & seal (VFFS) bagging machines, to pack different products in the food, confectionery and chemical sectors. Two belts are used per machine, on opposite sides of the forming tube.

Sausage manufacturing belts



Sausage manufacturing belts are specifically designed for the industrial sausage production sector. Fully automated sausage filling, linking and hanging machines use specially machined belts for processing and conveying sausages from the filling unit through to the final process.



Product benefits

- seamless rubber coating
 - › belts can run in either direction
 - › uniform surface finish
 - › no delamination
- high friction rubber surface, non-marking
- excellent wear and tear resistance
- equal thickness over belt length and width
- precise hole perforations
- with tricolour construction it is easy to notice the lifetime: green » go, yellow » prepare, red » change the belt

Product benefits

- high abrasion resistance PU surface, non marking
- high friction rubber surface, non marking
- Excellent wear and tear resistance
- high resilience
- equal thickness over belt length and width
- precise fabrication: grooves, perforations, slots, etc.

Product benefits

- Belts are always ground and machined precisely according to drawings.
- The rubber surface is non-marking and of very high resilience, it has excellent wear and tear resistance. It is FDA approved for use in long term food contact applications and it tolerates a wide range of chemicals and oils.
- The timing belt substrate is also food safe with aramid cord reinforcement.

Engineered Belts – Customized solutions for individual requirements

Ammeraal Beltech is a leading manufacturer of Process and Conveyor belts and has a unique reputation for developing individual solutions for all belting applications.



Packaging industry:
Pull Down belts

Special modular construction allows material combinations that offer solutions where »coventional« belting is limited.



Ammeraal Beltech knows that your processes and equipment are special to your business. Standard belting is sometimes just not enough. The *Ammeraal Beltech* range of Engineered Belts, bridges this application gap with an extensive range of belts, covers and special fabrication techniques.



Cable and wire industry:
Pulling belts

Constant development of new materials and fabrication methods allows us to satisfy a wider range of more demanding applications.



Box folding industry:
Feeder belts

Engineered Belts offer outstanding advantages:

- **Wide modular range**
- **Local technical support**
- **Worldwide manufacturing**
- **Volume flexibility**
- **Bespoke solutions**
- **Infinite customization possibilities**
- **CNC precision fabrication**



Various industry segments:
e.g. process belts for fragile products



Wood industry:
Coated belt

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