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Contact us to find your
nearest distributor.

concept/design: das werbeverk - hamburg - germany 08/2001

Endless woven belts

*Unique seamless solutions
to meet extraordinary demands*





We look into the future to meet your current needs.

>> *Innovation is the way forward but service calls for action today* <<

Our products are developed and manufactured using the most modern techniques and are based on a thorough understanding of the application environment.

Our highly skilled employees with years of experience weave your endless woven belting requirement to give a perfect solution.



Our concept for the future

Think globally, act locally – only by gathering knowledge on a global scale will technology be improved. Efficiencies in process and workflow optimization are the most important aspects of our development.

Our quality standards are set by the highest demands of our customers in their requirements for solutions to specific applications.

We operate an ongoing programme of product improvement and run our own R&D facilities. This ensures that we are always one step ahead in any of the industries that we supply.

Endless woven belts – the right choice when other solutions fail

There are many applications where standard process or conveyor belts cannot be used. Where extreme levels of strength, tension and temperature resistance are needed, seamless and spliceless belts are the perfect choice.

We offer excellent tailor-made solutions to give the right answer to the strict requirements of special applications and environments.

Available options include fabrics made of numerous natural and synthetic yarns customized with a wide variety of coatings and profiles.



Whether you are in the field of production, processing or logistics – you stay one step ahead because we do.

The new **Ammeraal Beltech** organization is able to offer:

- >> **Innovative and flexible products with world-wide availability**
- >> **1,600 employees around the world**
- >> **24-hour local service**
- >> **Production sites and R&D departments in 5 countries**
- >> **Distributors and service centres in more than 120 countries**
- >> **Operating companies in 23 countries**



Innovative resources, competitive prices and the advantage of a local service network are backed up by an unprecedented global organization.



Seamless fabrics are outstanding due to their consistent strength and flexibility along the entire length of the belt. This ensures the best running properties, even at high speeds.

Endless woven belts give you many advantages:

- >> **Endless and spliceless design; no seam**
- >> **Belt tension up to 1,000 N/mm belt width**
- >> **Constant line speeds and proper tracking**
- >> **Speeds up to 1,200 m/min**
- >> **Excellent force and elongation properties**
- >> **Wide range of coatings and profiles**
- >> **Operating temperatures from -80°C up to +500°C**
- >> **Flexible enough to wrap around small rollers and knife edges**



Future markets and greater technological advancement will create higher level demands.

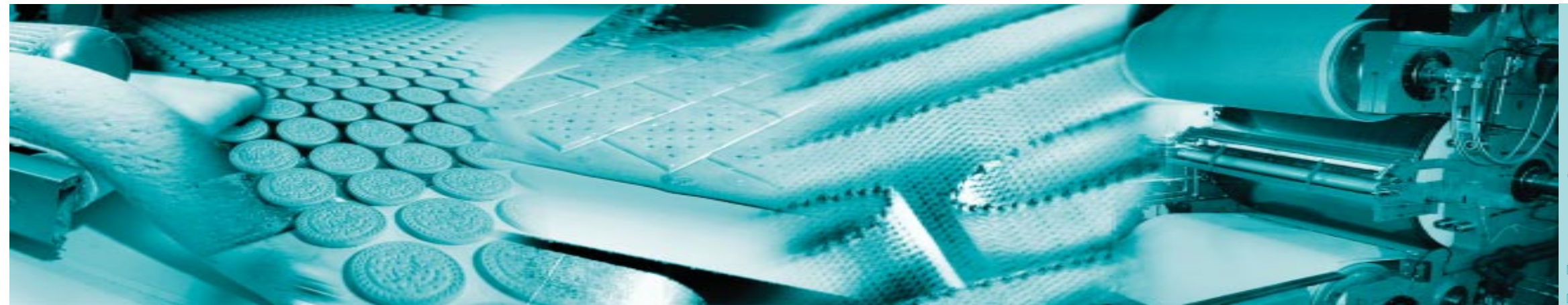
>> **Understanding customers' needs means predicting the future market trends** <<

From smooth dough transport to heavy-duty sheet metal wrapping

Using various endless woven and non-endless woven fabrics, the unique functionality of **Ammeraal Beltech's** belting range is illustrated by the fact, that extremely heavy armoured cables can be

processed with the same degree of smoothness as biscuit dough passing over a knife edge.

No matter which industry, **Ammeraal Beltech's** endless woven products can offer the solution to your specific application problems.



A view to just a few of the many answers Ammeraal Beltech has come up with in response to demanding processing questions.

Bakery and confectionery belts

Flexibility over the entire length makes **Ammeraal Beltech** endless woven fabric the ideal belting material for bakery and confectionery applications.

The cotton-based endless belts have a long lifespan, and their excellent release characteristics prevent the formation of tails on extracted products. The low pressure required on the extraction web is ideal for use with rotary moulders and rotary cutters.



Rotary moulder application in a biscuit production line.



Coil wrapping application in a metal sheet production line.

Metal sheet coil wrapper

In the final production stages, steel, aluminium and copper sheet material is wrapped around a mandrel using an endless woven belt.

The excellent force/elongation properties of **Ammeraal Beltech's** wear resistant polyurethane-covered material enable the sheet material to be tightly wrapped. The absence of a splice, in combination with a long lifespan, make these elastic belts the perfect solution for this type of demanding coiling operations.

No seam, no splice – that makes the difference

Cable pulling belts

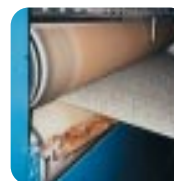
The coated continuous polyester or aramid fabric construction of **Ammeraal Beltech** cable pulling belts allow high tensile forces to be applied, while at the

same time enabling rolling resistance to be kept low. The absence of a splice, together with tight tolerances in belt thickness and suppleness, allow constant line speeds of up to 1,200 m/min.



Cable pulling applications need extremely strong fabrics and durable wear-resistant covers.

Aramid-based seamless press belts, covered with polyurethane or silicone rubber make it possible to apply high pressure at high temperatures. They are ideal solutions for the processes of finishing, vulcanizing, coating and laminating.



Ammeraal Beltech provides endless woven technology for many industries:

- >> Bakery industry
- >> Food industry
- >> Cable industry
- >> Steel industry
- >> Leather industry
- >> Textile industry
- >> Particle board industry

- >> Wood industry
- >> Plastics industry
- >> Glass industry
- ... and special applications such as photocopiers, production of floor coverings, wind tunnels for automobile testing, etc.



Oven take away belt.

Ammeraal Beltech's in-house weaving and coating facilities make it possible to offer a wide range of endless and non-endless fabric constructions, using numerous natural and synthetic yarns such as cotton, flax, polyamide, polyester and aramid.

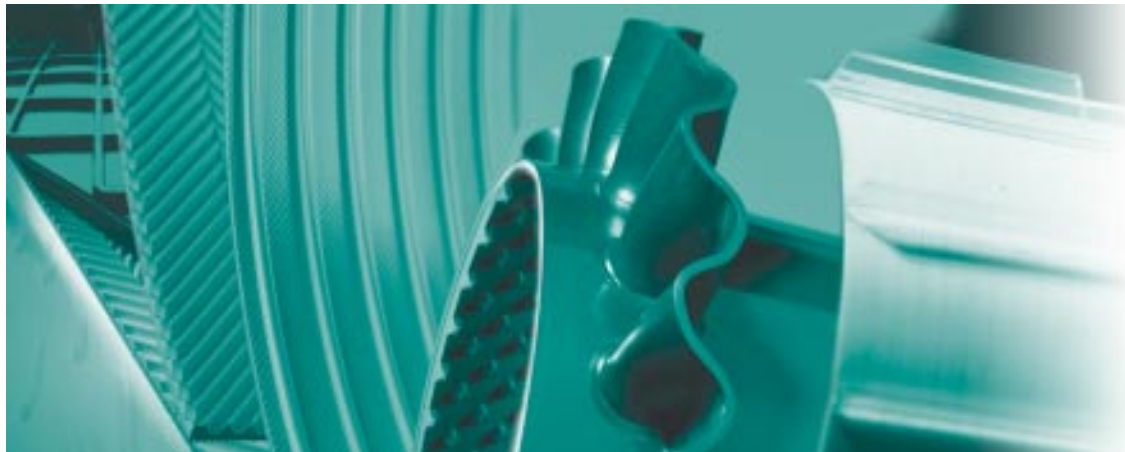
Customized with a variety of coatings and profiles, the belts are manufactured using a quality assurance system, based on the ISO 9000 series. In this way, it has become possible to substantially expand developments in process and conveyor belting in almost every industry.

Customer requirements shape our fabrication processes

The majority of state-of-the-art materials we use for our products have been developed and patented by us, in response to highly specific needs of our individual customers.

Similarly, the specialized processes and techniques used by **Ammeraal Beltech** in the construction and installation of our belting have been perfected through our experience with a vast array

of customers from a multitude of different application backgrounds.



Our wide variety of fabrication possibilities make your belting package into the perfect solution.

Order detailed information about our product groups, technical documentation and industry brochures:

- >> **Process and Conveyor belts**
- >> **Modular belts**
- >> **Timing belts**
- >> **High-performance flat belts**
- >> **Endless woven belts**
- >> **Engineered belts**



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