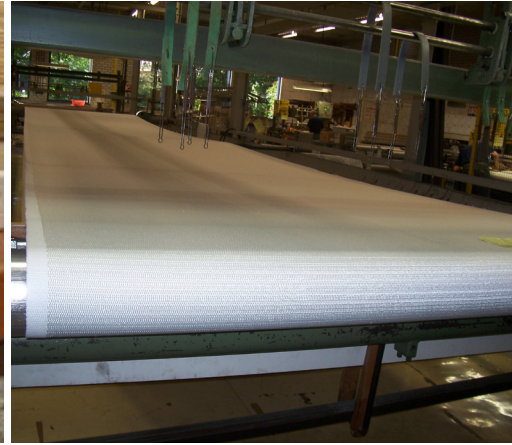


Prepress belting solutions for panel board production



Safety – Reliability – Durability

Modern high-performance wood-processing machines produce large volumes of particle board, MDF, HDF, OSB and plywood. To achieve this, they need dependable and durable components.

Leading OEMs and end users choose Ammeraal Beltech belting solutions for reliable and secure panel board production.

Whether it's our spliceable aramid re-enforced Ropanyl belt or our seamless AmPress belt, our industry-proven belts deliver excellent pressure resistance and they also meet all other operating requirements necessary for the forming process.

Benefits

- Excellent belt performance
- High production safety standards
- Minimum maintenance required
- High-quality production results
- Long belt life
- ATEX-approved

Belts that can handle the pressure

The wood and building material industries produce plywood, chipboard and MDF sheeting. First, chips or fibres are mixed with a binder, or resin. Then, this mixture undergoes prepressing before passing onto the final press, where finished panels are manufactured. Prepress belts are used in the prepress unit. As a part of our one-stop belt shop, Ammeraal Beltech offers both a unique seamless belt and a synthetic spliceable belt for this application.

AmPress seamless belts

- Truly endless construction, eliminating any risk of splice failure
- Uniformly coated, seamless and flexible, with anti-static properties to prevent static charge build-up
- Wear-resistant polyurethane (PUR) cover material which is also extremely resistant to wood pulp, for longer belt life
- Easy-to-track, stable belt run
- Good resistance to bonding materials, oils, fats, sulphur, ozone and kerosene
- Available in two surface finishes: closed, or withholes for air release

Ropanyl prepress belts

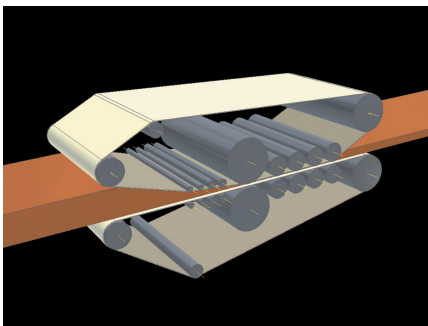
- Made of aramid fabric for maximum compression resistance and reliable distribution of compression
- High force/elongation value
- Good abrasion resistance and a homogeneous belt surface
- Excellent anti-static properties; no build-up of electrostatic charge
- Very good chemical resistance
- Strong splice, made with Ammeraal Beltech's unique Maestro equipment

Technical data for the AmPress 01

Article code	GK 1752
Weave	Endless woven broken-twill weave
Fabric	Anti-static polyester
Top cover	PUR: 2 mm white Ropan 80 Shore A
Bottom cover	PUR: 2 mm white Ropan 80 Shore A
Total belt thickness	7.5 mm
Max. belt tension	90 N/mm at 1% elongation
Belt weight	Approx. 8.7 kg/m ²
Min. pulley diameters	200 mm flexing and back flexing
Temperature resistance	-15 °C to +80 °C
Belt length	Up to 60 m
Belt width	Up to 3400 mm
Finish	Slit edges

Technical data for Ropanyl EM/K 60/3 00+04 Black M1 AS

Article code	514395
Belt thickness	3.8 mm
Weight	4.4 kg/m ²
Force at 1% elongation	60 N/mm
Surface finish/hardness	Fine matt finish/ 93 Shore A
Min. pulley diameter flexing/back flexing	250/ 300 mm
Temperature range	-20 °C to +90 °C
Max. standard/production width	3200 mm



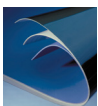
Animated prepress process



A prepress machine in operation



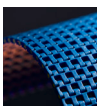
A seamless endless woven prepress belt in action



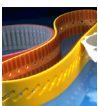
Synthetic Belts



Endless Woven Belts



Modular Belts



Engineered Belts



Homogeneous Belts



Fabrication & Service

Expert advice and quality solutions for all your belting needs.
ammeraalbeltech.com

Ammeraal Beltech
 P.O. Box 38
 1700 AA Heerhugowaard
 The Netherlands

T +31 (0)72 575 1212
info@ammeraalbeltech.com