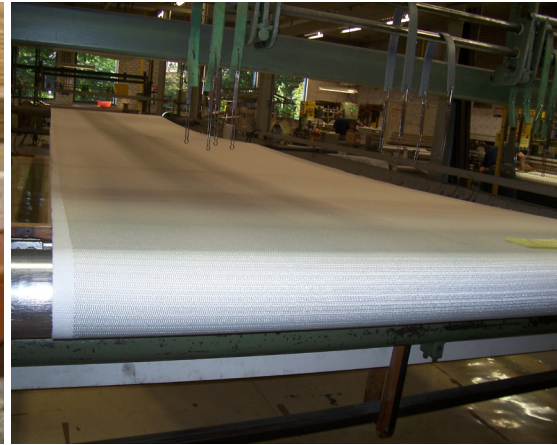


Prepress belting solutions for panel board production



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 fibers 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

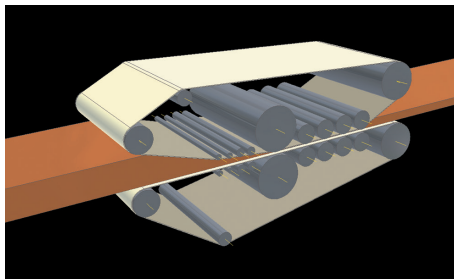
- Truly endless construction, eliminating any risk of splice failure
- Uniformly coated, seamless and flexible, with anti-static properties to prevent static charge build-up
- Wear-resistant polyurethane (PUR) cover material which is also extremely resistant to wood pulp, for longer belt life
- Easy-to-track,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

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	0.295 in
Max. belt tension	90 N/mm at 1% elongation
Belt weight	Approx. 8.7 kg/m ²
Min. pulley diameters	7.874 in flexing and back flexing
Temperature resistance	5 °F to 176 °F
Belt length	Up to 196.85 ft
Belt width	Up to 133.86 in
Finish	Slit edges

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

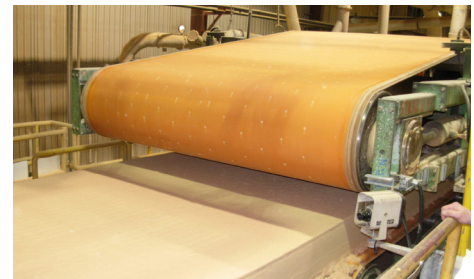
Technical data for Ropanyl EM/K 60/3 00+04 Black M1 AS	
Article code	514395
Belt thickness	0.150 in
Weight	4.4 kg/m ²
Force at 1% elongation	60 N/mm
Surface finish/hardness	Fine matt finish/ 93 Shore A
Min. pulley diameter flexing/back flexing	9.843/ 11.811 in
Temperature range	-4 °F to 194 °F
Max. standard/production width	125.984 in



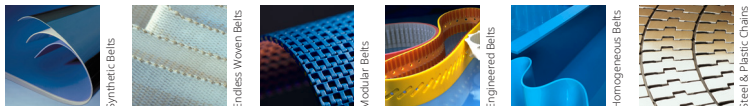
Animated prepress process



A prepress machine in operation



A seamless endless woven prepress belt in action



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

Ammeraal Beltech
 Ammeraal Beltech Inc.
 Skokie, Illinois

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