

BestBelt conveyor belts



ARTEMIS

Kautschuk und Kunststoff



Artemis develops and produces BestBelt conveyor belts in close cooperation with users and manufacturers of wide-belt and brush sanding machines. From handcraft to the highest loads in three-shift operation in the furniture industry and sheet metal processing, Artemis offers the right product for every application.

Low manufacturing tolerances in the production of our BestBelt conveyor belts guarantee the success of your sanding results. We offer production widths of up to 2800 mm. Highly abrasion-resistant sliding layers for wet and dry sanding, low-stretch tension member fabric combined with high-quality compounds ensure excellent, consistent product quality. Innovative connection techniques offer a maximum of durability at all times.

Artemis supplies on request conveyor belts which are ready for installation. Cylindrical perforations allow a defined air flow rate in vacuum operation. It goes without saying that our DIN EN ISO 9001:2015 certification ensures high product quality. Your special application is our challenge, for which we will be pleased to work out a tailor-made solution together with you.

conveyor belt editing options

	Width (mm) max	Length (mm)	
		from	to
Dimensions	1380	2000	15500
	1600	2750	15500
	2800	4100	On request
	Width (mm) max	Length (mm)	
		from	to
Sanding	2450	2300	16000
Drilling	2400	2300	16000
Drilling	Ø2.0 – 9.5 mm		
Connection	Finger-Connection, V-Connection, Straight - Connection		

Cover Plate

The rubber of the cover plate is a composition of different base polymers (NR/SBR/EPDM). The predominant part consists of natural rubber. We recommend a temperature range of -15°C to +60°C. On delivery the static friction of the cover plate with freshly ground surfaces is approx. 0,95µ.

Fabric

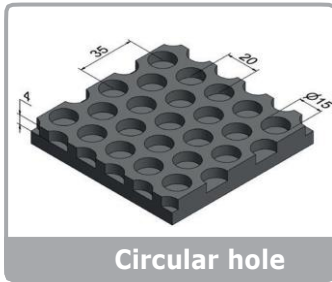
The tension ply is a synthetic fabric of polyester (running direction) and polyamide (transverse to the running direction) developed for straight running. In the running direction it is tensioned up to max. 1% in relation to the open length of the belt. The endless splice has a maximum breaking strength of approx. 60% of the base belt.

Sliding Ply

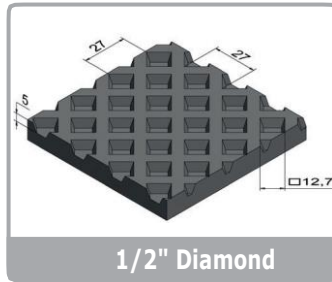
The polyester sliding ply is characterised by high abrasion resistance, good stretch properties and is not sensitive to moisture.



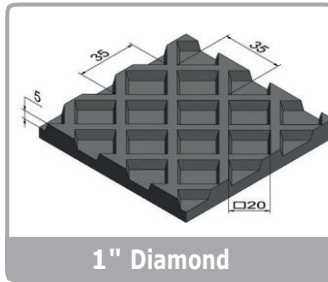
Profile variants



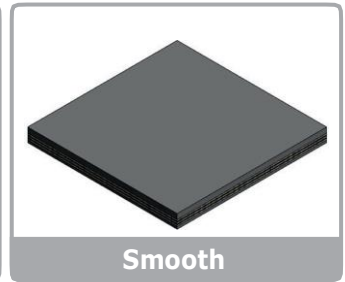
Circular hole



1/2" Diamond

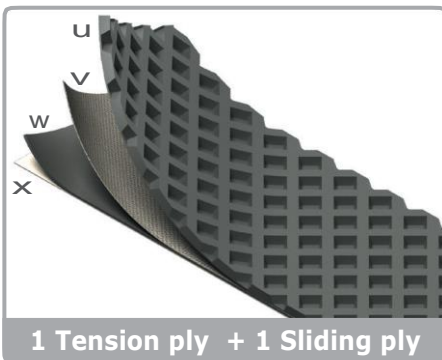


1" Diamond

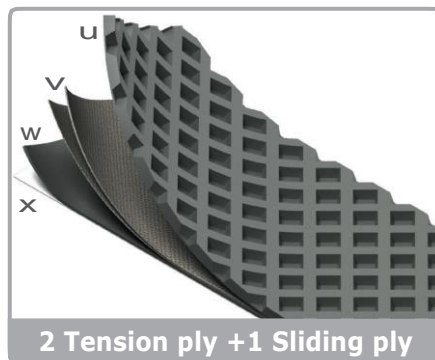


Smooth

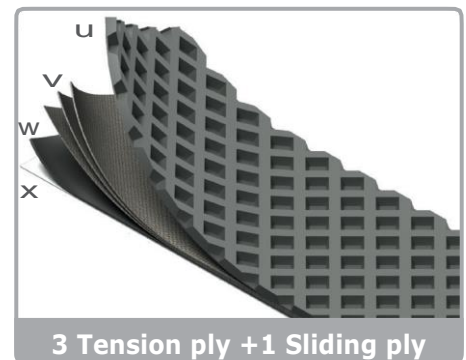
Structure



1 Tension ply + 1 Sliding ply



2 Tension ply + 1 Sliding ply



3 Tension ply + 1 Sliding ply

Composition

a

u=Cover Plate

v=Tension ply

w=Intermediate rubber

x=Sliding ply

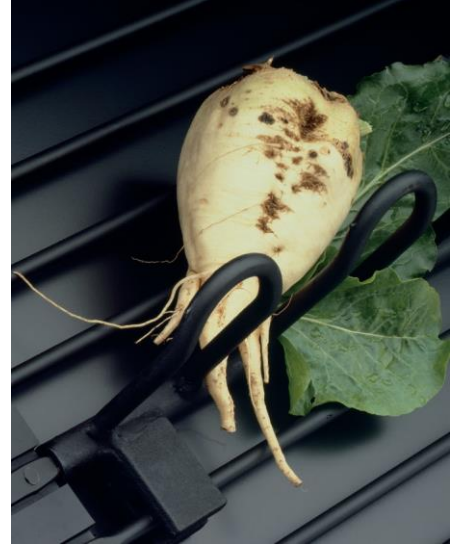
Technical data

Tension + Ply	Profile	Color	Hardness approx.		min. Pulley Ø			Dim.(mm)		Width		Working strain			Vacuum possible	Sanding possible
		anthrazite*	50 ShA	65 ShA	100 mm	150 mm	200 mm	Profile depth	Total thickness	Standard**	Overwidth**	15 N/mm	30 N/mm	45 N/mm		
1 + 1	Circular hole				<----- On request ----->											
	1/2 " Diamond	•	•		•			5	9	•	•				•	•
	1" Diamond							<----- On request ----->								
	Smooth							<----- On request ----->								
2 + 1	Circular hole	•	•			•		4	11	•	•		•		•	•
	1/2 " Diamond	•	•			•		5	10	•	•		•		•	•
	1" Diamond	•	•			•		5	11	•	•		•		•	•
	Smooth	•	•			•		-	9,5	•	•		•		•	•
	Smooth	•	•	•		•		-	10	•	•		•		•	•
3 + 1	Circular hole							<----- On request ----->								
	1/2 " Diamond	•	•			•		5	10	•	•			•	•	•
	1" Diamond							<----- On request ----->								
	Smooth	•	•			•		-	10	•	•			•	•	•

* Other colors are possible with minimum order quantities

** Width ≤ 1380 mm

*** Width > 1380 mm / from 1400 mm with Longitudinal seam



ARTEMIS manufactures products for a wide range of applications:

- Rubber moulded parts
- Rubber-to-metal bondings
- Stators for eccentric screw pumps
- Rotors for eccentric screw pumps
- Billiard bands
- Wrapping articles
- Conveyor belts
- Systems for agricultural machinery industry / sieve chains



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