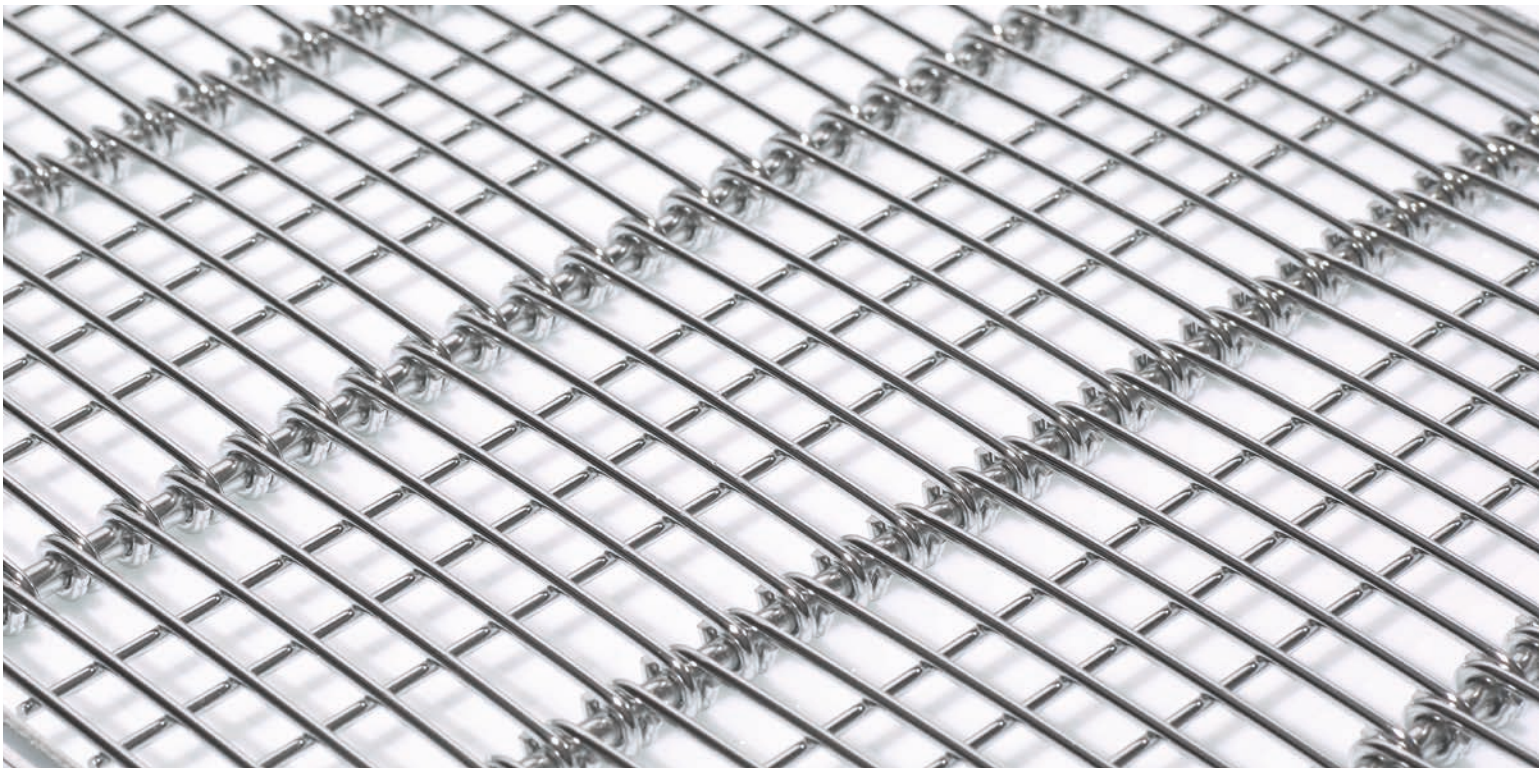




EYE-FLEX[®] CONVEYOR BELT

THE ORIGINAL IN DETAIL



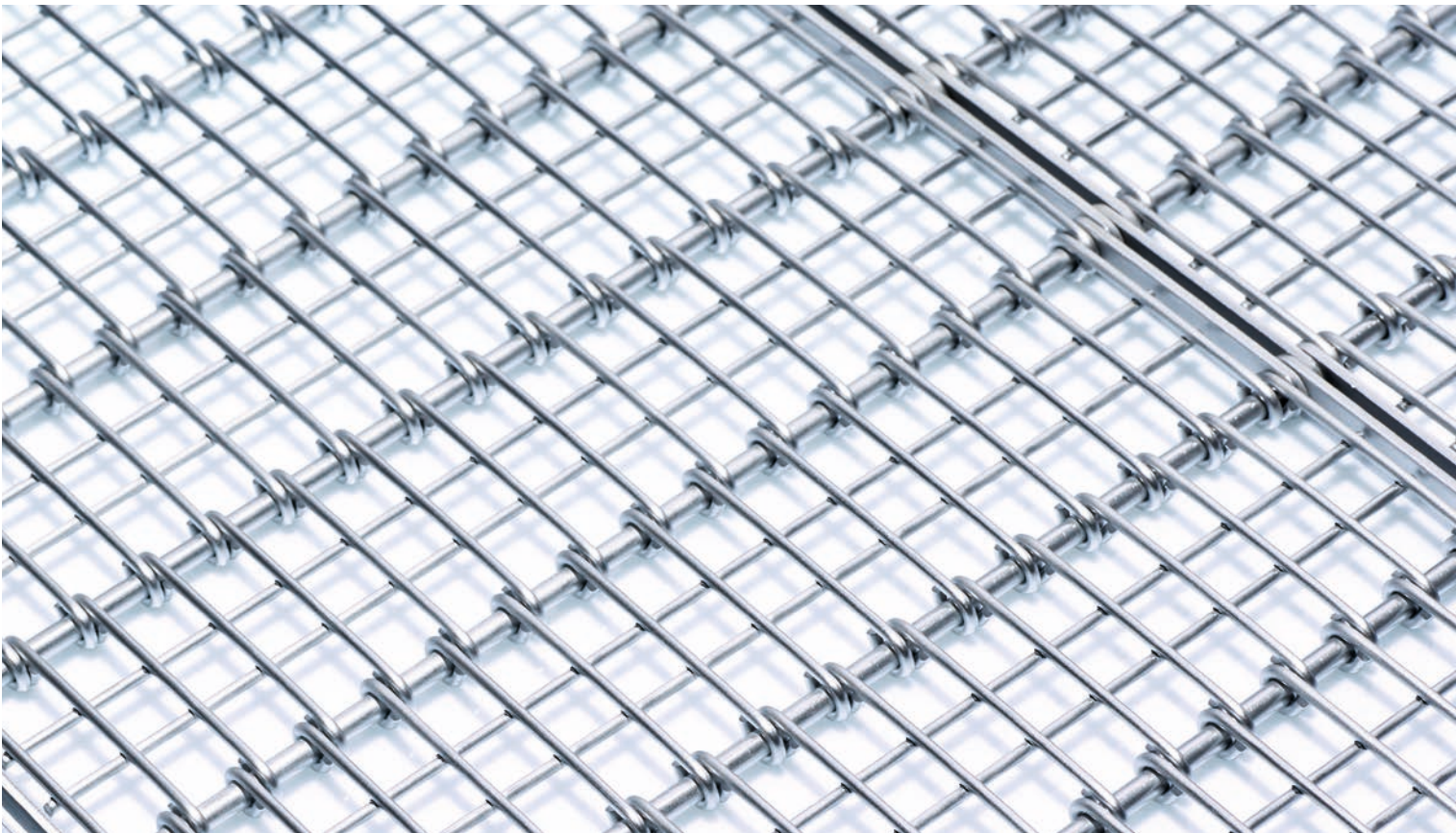
THE TRUSTED METAL
CONVEYOR BELT MANUFACTURER



CONCEPTS THAT CONNECT

EYE-FLEX® CONVEYOR BELT

Eye-Flex® conveyor belts stand out for their high durability and carrying capacity. Eye-Flex® simultaneously provides an open design and a flat surface profile. The modular design and the flexibility of the belt specifications enable the belts to be used as replacements in existing systems. Eye-Flex® offers many additional features for optimum product alignment and solving incline and gradient problems.





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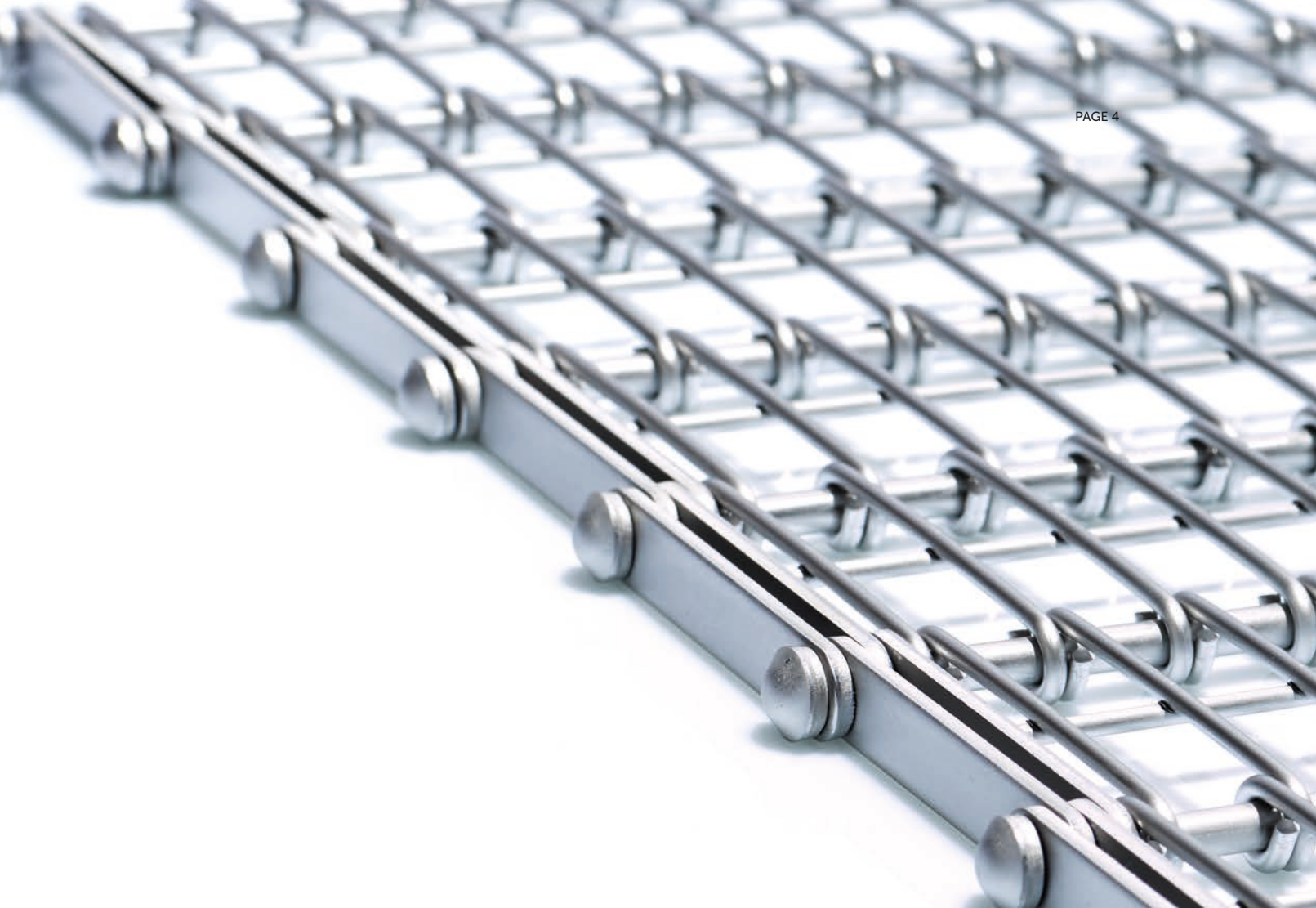


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ADVANTAGES AN OVERVIEW FOR YOU

- 🌐 Flat carrying surface
- 🌐 Non-slip positive drive
- 🌐 High load capacity
- 🌐 Modular design
- 🌐 Easy to clean due to its open mesh construction

The Trusted
Metal Conveyor
Belt Manufacturer™

UP TO ANY TASK



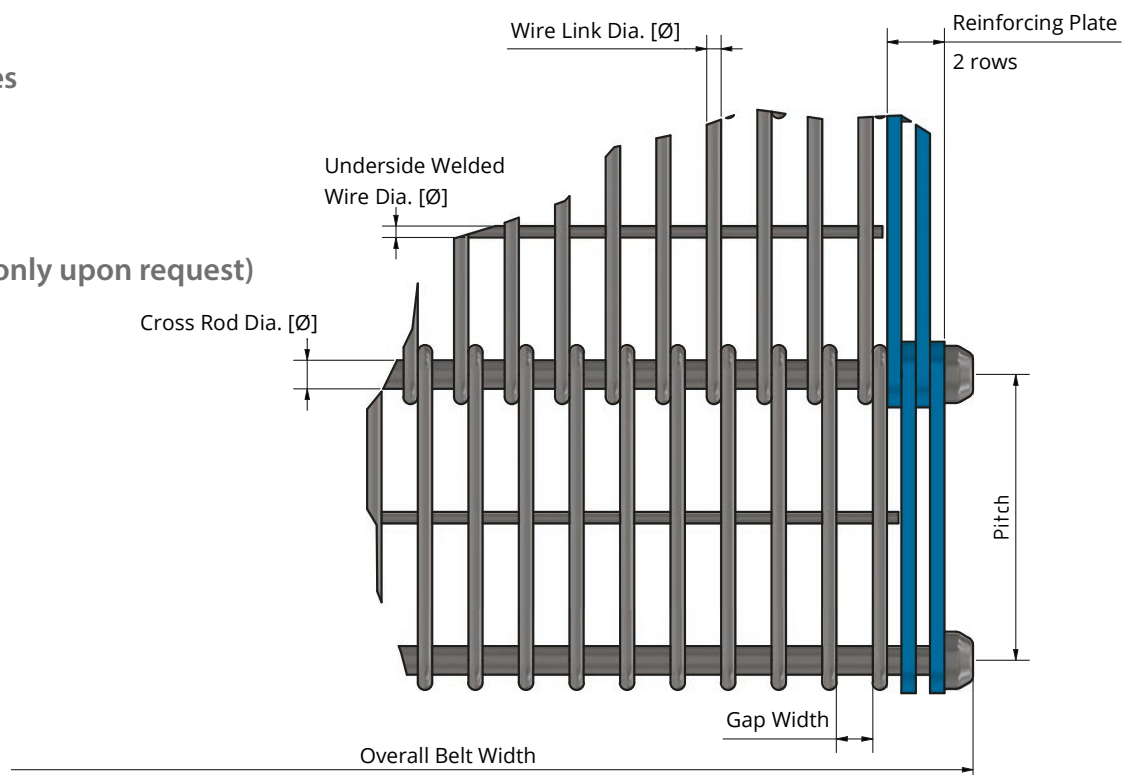
SPECIFICATIONS

Gap Sizes And Maintaining Alignment

Exceptional Stability

Many elements of Eye-Flex® belts can be customised to suit each individual application, such as gap width and fixing method.

- ➡ Normal gap
- ➡ Underwelded wires
- ➡ Rings
- ➡ Springs
- ➡ Distance sleeves (only upon request)



According to customer requirements or application

We are happy to answer your questions
and can be reached here:

+49 (0)38823 5445-0

sales@wirebelt.de

wirebelt.de

HINT

Our belts are available standard
produced in galvanised steel
and stainless premium steel.





Wire Belt Company is the world's leading manufacturer of open mesh conveyor belts and conveyor systems made from stainless premium steel. We offer a wide range of types and specifications for your individual application, that will help you increase and improve your manufacturing efficiency.



WIRE BELT
Performance
Challenger

OPTIONAL FEATURES

Eye-Flex® Without Spacers

There are no spacers with this variant. The gap is aligned as small as possible which particularly supports smaller products.

Belts with normal gaps are relatively easy and inexpensive to repair, by simply replacing the damaged eye links.

***Model shown is coated.**

We are happy to supply this version upon request.

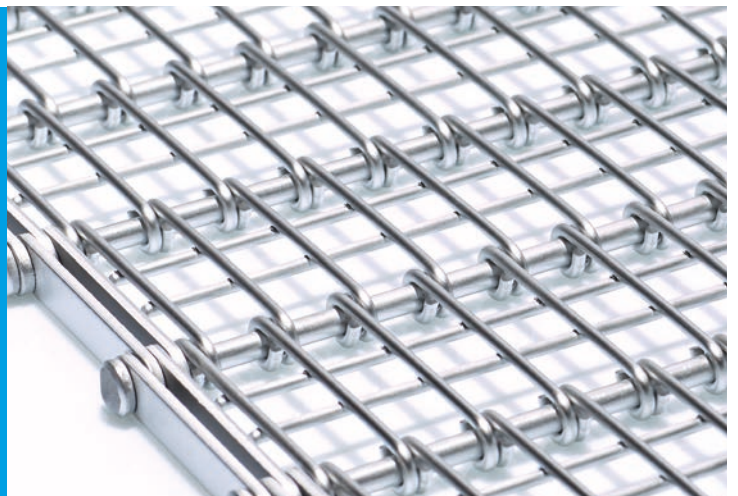


Eye-Flex® With Underwelded Wire

In this variant the wire eye links are welded onto 1, 2 or 3 cross wires underneath. This enables a continuously variable choice of gap widths. In this process the smallest gap has a width of an eye link + 0.3 mm. The gap can be widened by steps of 0.1 mm.

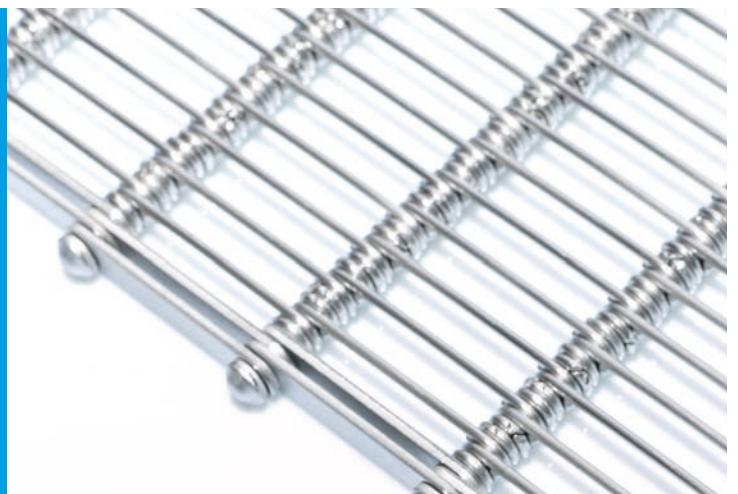
Special note:

We recommend a gap width of 50 mm. Larger gap widths need to be coordinated with our sales team. This method is preferable for more stringent hygiene demands.



Eye-Flex® Using Rings as Spacers

This method of aligning space sizes uses rings that are placed between the eye links to create a gap corresponding to the product being carried. The gap width increases in relation to the number of installed rings per eye link.

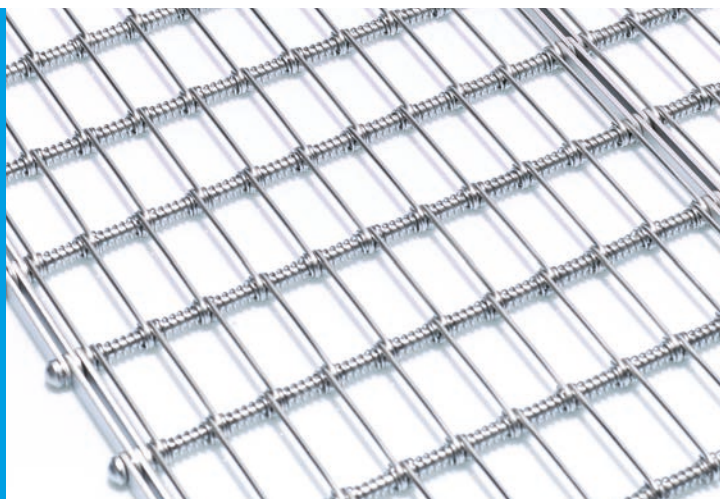




OPTIONAL FEATURES

Eye-Flex® Using Springs as Spacers

By using springs as spacers the eye links gain tolerance in their movement. The eye links are not kept rigid in position, they are given freedom to move on the cross rod. For applications are used which require heat, cooling or freezing, the belt will maintain stability.



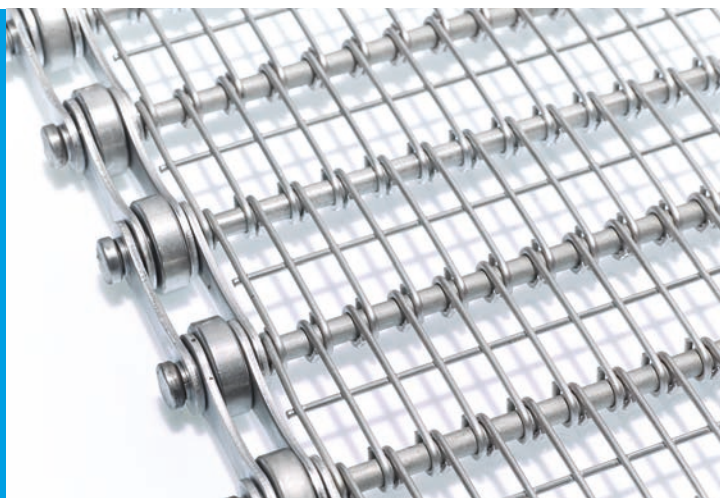
Optional Features Eye-Flex® Chain Edge

Eye-Flex® can be equipped with hollow pin chains installed onto the sides. This option offers an alternative drive method via lateral chain sprockets and can improve tracking and reliability.

HINT:

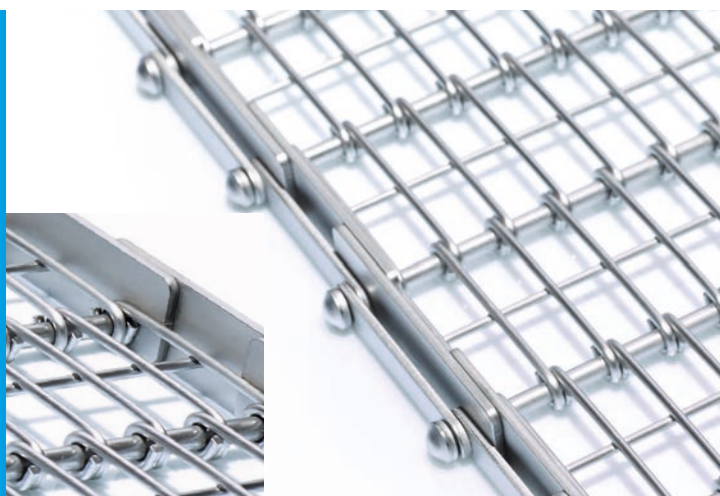
Available material

Our belts are available produced in galvanised steel and stainless premium steel as standard.



Optional Features Eye-Flex® Side Guards

An application equipped with side guards can stop bulk goods or other conveyed goods falling off the side of the belt. Height and form is variable and can be adapted according to the application. Several rows of side guards across the belt can be used to create various product lanes on the Eye-Flex® belt.



OPTIONAL FEATURES

Optional Features Eye-Flex® Reinforcing Plates

Reinforcing plates are the typical edge style. These are solid metal plates added before the connecting rod is welded. Additional reinforcing plates can be added at the edge of the belt, or at specified increments across the belt width to further enhance the strength of this belt.

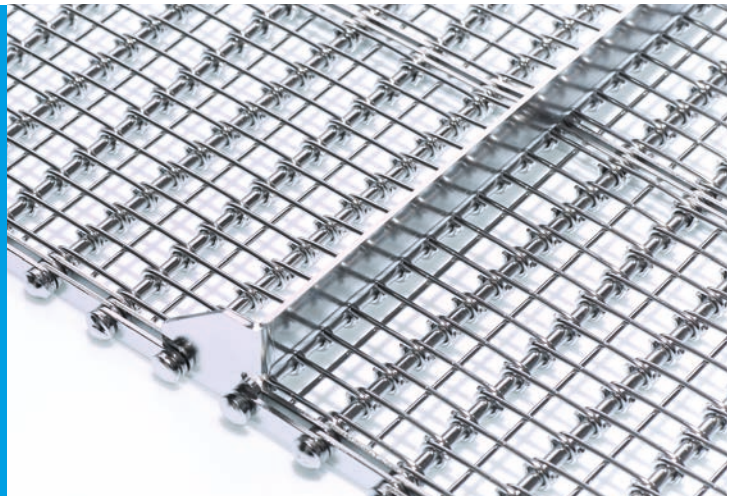
Special Note

We offer reinforcing plates in various strengths, dimensions and versions. Example: Unilateral perforated reinforcing plates or drive reinforcing plates. Both reinforcing plates are produced according to customer requirements.



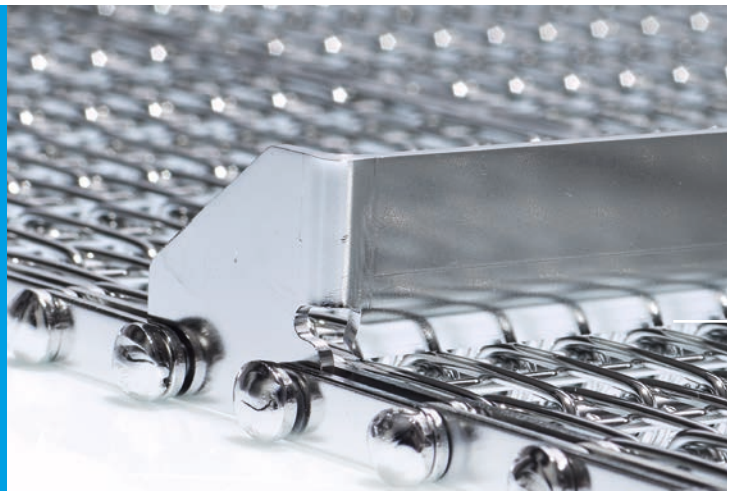
Optional Features Eye-Flex® Cross Flights

Cross flights help overcome inclines and gradients. These cross flights can also be used for the positioning or separation of products. Height, style and form can be varied and easily be made to suit the application. They can be bolted or welded to the belt or formed directly into the wire.



Optional Features Eye-Flex® Cross Flights

Side view





DRIVE COMPONENTS

Eye-Flex® Drive components

We offer a comprehensive range of standard sprockets as well as custom drive components for new and replacement applications.

When choosing the optimum material for your application it is important to remember and take into account the conditions your belt will operate under. Conditions such as abrasion, corrosion, high/low temperatures, type of process and so on, are important factors when choosing suitable drive components.

WIRE BELT RECOMMENDS:

Please use original sprockets and blanks from Wire Belt only. The use of other commercially available sprockets can lead to overstretching of the belts and poor engagement with sprocket teeth. This can cause a premature failure of the system.



SPECIFICATIONS

EYE-FLEX®
without spacers

pitch	link gap	cross rods
mm	mm	mm
15,875	1,80	3,20
25,000	2,00	5,00
25,400	2,00	5,00
30,000	1,60	4,00
30,000	2,00	4,00
30,000	2,00	5,00
30,000	2,00	7,00
30,000	2,00	8,00
31,750	2,00	5,00
50,000	1,40	5,00
50,000	1,60	5,00
50,000	2,00	5,00
50,000	2,50	6,00
50,000	3,00	8,00
50,800	1,60	5,00
50,800	1,60	8,00
50,800	2,00	6,00
50,800	2,00	8,00
50,800	2,00	8,00

pitch	link gap	cross rods
mm	mm	mm
50,800	2,50	6,00
50,800	2,50	8,00
50,800	3,00	8,00
50,800	4,00	8,30
60,000	2,00	5,00
60,000	2,50	5,00
70,000	4,00	7,00
75,000	2,50	5,00
75,000	2,50	8,00
100,000	3,00	8,00

Please enquire about availability for differing specifications!

According to customer requirements or application

We are happy to answer your questions
and can be reached here:

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sales@wirebelt.de
wirebelt.de



SPECIFICATIONS

EYE-FLEX®
using rings as spacers

pitch	wire diameter	cross rod diameter	min. gap spacing	expandable in further steps
mm	mm	mm	mm	mm
25,000	2,00	5,00	4,00	2,00
25,400	2,00	5,00	4,00	2,00
30,000	2,00	4,00	4,00	2,00
30,000	2,00	5,00	4,00	2,00
31,750	2,00	5,00	4,00	2,00
50,000	2,00	5,00	4,00	2,00
50,000	2,50	5,00	5,00	2,50
50,000	2,50	6,00	5,00	2,50
50,800	2,50	6,00	5,00	2,50
50,800	2,50	8,00	5,00	2,50
50,800	4,00	8,00	8,00	4,00
60,000	2,00	5,00	4,00	2,00
60,000	2,50	5,00	5,00	2,50
75,000	2,50	5,00	5,00	2,50
75,000	2,50	8,00	5,00	2,50

EYE-FLEX®
with underwelded wire

pitch	wire diameter	cross rod diameter	min. gap spacing	expandable in further steps	max. number of underwelded wires
mm	mm	mm	mm	mm	Stück
15,875	1,80	3,20	2,20	0,10	1
25,000	2,00	5,00	2,30	0,10	2
25,400	2,00	5,00	2,30	0,10	2
30,000	2,00	4,00	2,30	0,10	2
30,000	2,00	5,00	2,30	0,10	2
50,000	2,00	5,00	2,30	0,10	3
50,000	2,50	5,00	2,80	0,10	3
50,000	2,50	6,00	2,80	0,10	3
50,800	2,50	8,00	2,80	0,10	3
50,800	3,00	8,00	3,30	0,10	3
75,000	2,50	5,00	2,80	0,10	3
75,000	2,50	8,00	2,80	0,10	3

SPECIFICATIONS

EYE-FLEX®
using rings as spacers

pitch	wire diameter	cross rods	min. gap spacing		
25,000	2,00	5,00	7,00	8,00	
25,400	2,00	5,00	7,00	8,00	
30,000	2,00	4,00	7,00	8,00	
30,000	2,00	5,00	7,00	8,00	
31,750	2,00	5,00	7,00	8,00	
50,000	2,00	5,00	7,00	8,00	
50,000	2,50	5,00	7,50	8,50	
50,000	2,50	6,00	7,50	-	
50,000	3,00	8,00	10,50	-	
50,800	2,00	6,00	7,00	-	
50,800	2,00	8,00	8,00	-	
50,800	2,50	6,00	7,50	-	
50,800	2,50	8,00	10,00	-	
50,800	3,00	8,00	10,50	10,50	
50,800	4,00	8,00	12,00	-	
60,000	2,00	5,00	7,00	8,00	
60,000	2,50	5,00	7,50	8,50	
70,000	4,00	7,00	12,00	-	
75,000	2,50	5,00	7,50	8,50	
75,000	2,50	8,00	10,00	-	
100,000	3,00	8,00	10,50	10,50	



PREMIUM
ONLINE



SPECIFICATIONS

additional standard gap widths				
10,00	12,00	15,00	17,50	20,00
10,00	12,00	15,00	17,50	20,00
10,00	12,00	-	-	20,00
10,00	12,00	15,00	17,50	20,00
10,00	12,00	15,00	17,50	20,00
10,00	12,00	15,00	17,50	20,00
10,00	12,00	15,00	17,50	20,00
-	-	-	-	20,00
-	-	15,50	-	20,00
-	-	-	-	-
-	-	-	-	-
-	-	-	-	20,00
-	-	15,00	-	20,00
-	-	15,50	-	20,00
-	-	-	-	-
10,00	12,00	15,00	17,50	20,00
10,00	12,00	15,00	17,50	20,00
-	-	-	-	-
10,00	12,00	15,00	17,50	20,00
10,00	-	15,00	-	20,00
-	-	15,50	-	20,00

M SERVICE
AND ON-SITE



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Our policy is one of continuous improvement and we reserve the right to change specifications at any time and without notice, or modify these to suit manufacturing processes. Further information regarding data protection can be found under

wirebelt.de/datenschutz

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