

**Partner for
packaging solutions**

MF[™] Seamless belts
for vertical form fill sealers



Packaging

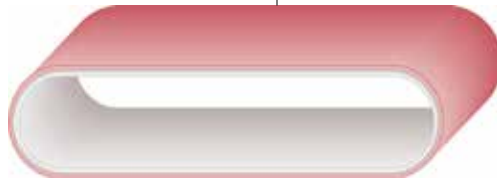
Seamless belts for vertical form fill sealers

Chiorino manufactures a wide range of **MF** high performing seamless belts, suitable for the form fill sealing by any packaging material (polyethylene and PVC films, paper, fabric, etc.).

Where required, a **timing belt** can be applied on the bottom surface to provide absolute synchronous drive, avoiding any risk of slippage.



TRULY ENDLESS **MF** BELTS



KEY FEATURES

- Total surface uniformity thanks to the seamless technology (no joint)
- High and constant surface's coefficient of friction
- High flexibility
- Absolute thickness regularity all over belt's length and width
- Perfect dimensional stability
- Precise fabrication: countersunks, grooves, slots, perforations



MF™

Chiorino high performing elastomer


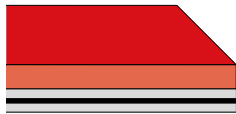

- **Superb friction properties**
- **Excellent resistance to abrasion**
- **Highest creep recovery**
- **No cracking**

BENEFITS

- High production's precision thanks to the high and constant coefficient of friction
- Long service life thanks to excellent wear and tear resistance
- Suitable for high operating speed
- Time and cost saving as no lubrication is required
- Suitable for any kind of packaging

Belt constructions

MF Chiorino seamless belts can be supplied combining different constructions and coverings.

<p>Standard coverings</p> <p> ■ L: raspberry 35 Sh.A □ HS W: white 40 Sh.A ■ R: purple red 45 Sh.A ■ B: beige 55 Sh.A </p> <p>Special coverings are available upon request.</p>			
	<p>Elastic belt (no fabric traction core)</p> <p>Two elastomer layers:</p> <ul style="list-style-type: none"> • Outer cover: high coefficient of friction; • Inner cover: hard-wearing. 	<p>Belt with polyester fabric traction core</p> <ul style="list-style-type: none"> • Outer cover: high coefficient of friction; • Polyester fabric traction core, hard-wearing and low coefficient of friction. 	<p>Rubber or polyurethane timing belt</p> <p>Two different types of timing belts can be fitted on the bottom:</p> <ul style="list-style-type: none"> • Rubber: both metric and imperial pitch; • Polyurethane: metric pitch.

Technical data

MF belts

Type	Traction core	Outer cover			Inner cover			Total thickness mm	Pull for 1% elongation N/mm	Temperature resistance	
		material	colour	Sh.A	material	color	Sh.A			min. °C	max. °C
MF R-052	---	elastomer	purple red	45	elastomer	purple red	45	5÷15	0.1 ¹	-20	+100
MF R-053	---	elastomer	purple red	45	elastomer	black	65	5÷15	0.1 ¹	-20	+100
MF L-300	PET	elastomer	raspberry	35	---	black	---	6÷12	10.0	-20	+100
MF HS W-300	PET	elastomer	white	40	---	black	---	6÷12	10.0	-20	+100
MF R-300	PET	elastomer	purple red	45	---	black	---	6÷12	10.0	-20	+100
MF B-300	PET	elastomer	beige	55	---	black	---	6÷12	10.0	-20	+100

MF timing belts

Type	Traction core	Outer cover			Inner cover			Max. pull for 1% elongation N/mm	Temperature resistance	
		material	color	Sh.A	material	color	Sh.A		min. °C	max. °C
MF D-G L	PET	elastomer	raspberry	35	rubber timing belt	black	90	0,4	-20	+100
MF D-G HS W	PET	elastomer	white	40	"	"	90	0,4	-20	+100
MF D-G R	PET	elastomer	purple red	45	"	"	90	0,4	-20	+100
MF D-G B	PET	elastomer	beige	50	"	"	90	0,4	-20	+100
MF D-U L	PET	elastomer	raspberry	35	polyurethane timing belt	white/transparent or yellow	90	0,4	-20	+100
MF D-U HS W	PET	elastomer	white	40	"	"	90	0,4	-20	+100
MF D-U R	PET	elastomer	purple red	45	"	"	90	0,4	-20	+100
MF D-U B	PET	elastomer	beige	50	"	"	90	0,4	-20	+100

¹ Strength in N/mm² at 10% elongation

The technical data are valid under normal environmental conditions and are subject to change without notice.

Easy to order

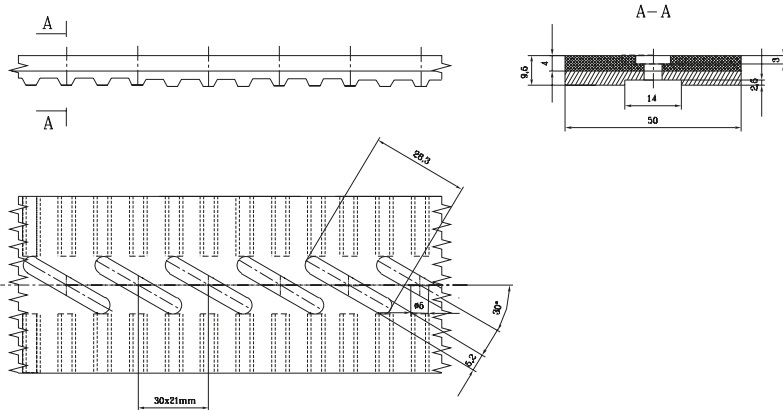
The wide range of **MF** seamless belts suits all the most common form fill sealers.

OEM	Belt size	Special executions								
		Smooth surface	Perforated	Perforated Oval holes	Grooved on timing side	Countersunk	Horizontal slots	Vertical slots	Diagonal slots left	Diagonal slots right
BOSCH	50T10 920 x 4.5 mm				●				●	
	50T10 920 x 4.5 mm				●					●
	50T10 920 x 4.5 mm				●		●			
	37T10 920 x 4.5 mm				●		●			
FUJI MACHINERY	40-S8M-632 x 4.0 mm		●		●					
HAYSSSEN	24 x 606 x 6.2 mm									
	24 x 708 x 6.2 mm									
	280XL094 x 6.4 mm									
	280XL044 x 6.4 mm									
ILPAK	270L 100 x 7.0 mm									
	270L 100 x 7.0 mm									
	50T10 530 x 4.0 mm				●				●	●
	50T10 720 x 4.0 mm				●				●	●
	50T10 440 x 6.4 mm									
	25T10 560 x 6.4 mm									
	50T10 720 x 4.0 mm				●			●		
	50T10 530 x 4.0 mm				●			●		
25T10 440 x 6.4 mm										
ISHIDA	255H1 50 x 3.0 mm		3 rows		●					
KLIKLOK-WOODMAN	240XL1 50 x 6 mm									
	240XL1 50 x 6 mm	●								
MATRIX PACKAGING	800-5M-25 x 4.8 mm									
PACKAGE MACHINERY	3.00" x 35.00" x .16"		3 rows							
	3.00" x 35.00" x .16"		5 rows							
PACMAC	.938" x 27.875" x .245"									
RICCIARELLI	45 x 465 x 12.00 mm									
ROVEMA	50T10 630 x 6 mm				●					
	50T10 630 x 5 mm				●	●				
	50T10 630 x 6.4 mm									
	50T10 630 x 5 mm				●	●				
	30T10 630 x 5 mm				●	●				
	29T10 630 x 6.4 mm				●					
	50T10 780 x 4.5 mm				●	●				
SANDIACRE	225L094 x 6.5 mm									
	270L098 x 4.5 mm				●				●	
	270L098 x 4.5 mm				●				●	
SIMIONATO	255L 150 x 8.0 mm									
TNA	367L 051 x 4.5 mm		●							
	367L 051 x 4.5 mm			●						
TRIANGLE PACKAGING	340XL1 78 x .08"				●				●	

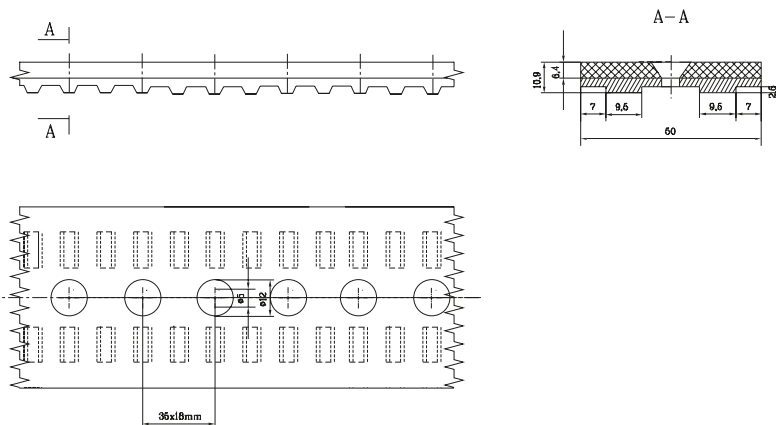
Special executions

MF Chiorino seamless belts can be supplied with special executions according to customer's needs.

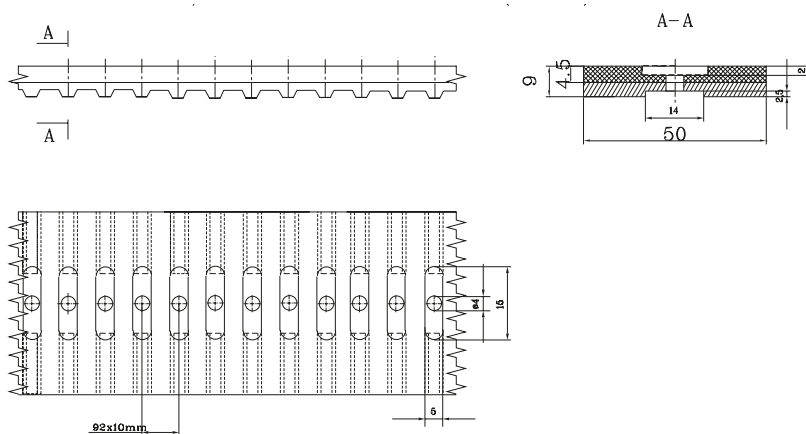
Diagonal slots and grooved on timing side



Countersunk and grooved on timing side



Vertical slots and grooved on timing side



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