

PFX

not just a Color.

Movex[®]



www.movexii.com

PFX

not just a Color.



High performance

Longer wear life lead to excellent and long enduring product handling features.



Low friction

Developed to reduce friction between chain and product and chain and wearstrip.



Minimal dusting

Developed to avoid dusting under extreme circumstances.



Control of cost

Better control of total cost and sustainable conveyor technology.



Food contact Certified

PFX material is suitable in food application.



Patented material

PFX is an exclusive patent of Movex S.p.A. contact us for a free quotation.

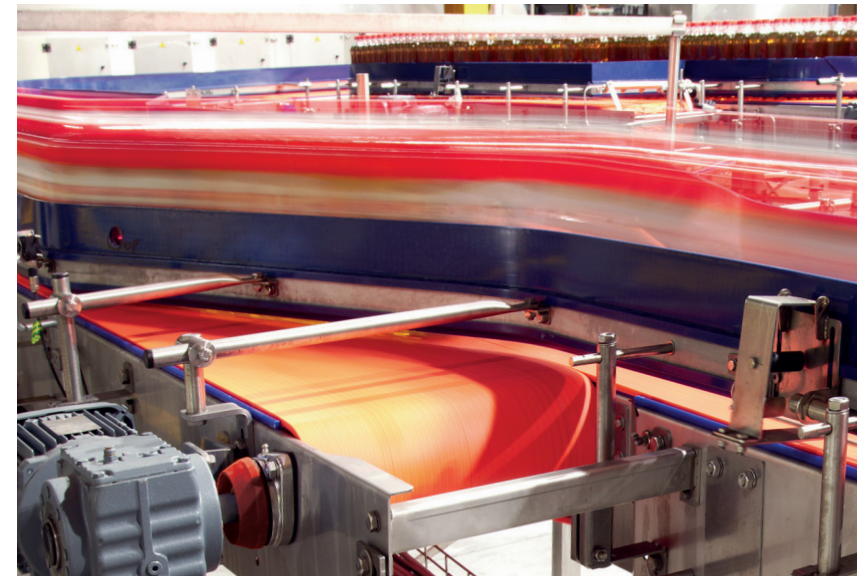
The best choice for dry running applications.

Movex® present an evolution in the materials with as a result the innovative material: **PFX!**

PFX is a plastic compound developed specific for chain and belts in order to run with limited lubrication or in dry applications where the demands are extreme concerning speed, performance & efficiency. **PFX** is developed to reduce the friction between chain and product as well as chain and wearstrips even if no lubrication is used.

Also developed to avoid dusting under these extreme circumstances, the consistent quality of **PFX** assures a continuous low friction with a high strength resulting in a longer wear-life.

The value added properties of the new **PFX** material, contributes to a better control of total cost and sustainable conveyor technology and the fluorescent color give a high visibility to guarantee the best safety condition.





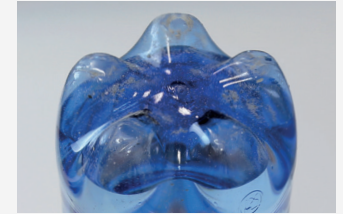
Description and Features

Description

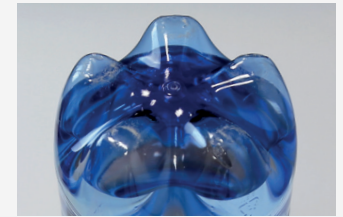
Extra Performance material (PBT with additives) with a very low coefficient of friction and improved wear resistance. Recommended for high speed and dry running applications.



Colour: Fluorescent Orange
Primary Components: PBT



PET Bottle - Standard material



PET Bottle - PFX material

Friction factors between PFX and Wearstrip material

Lubrication	Stainless steel	UHMW-PE & PA	BluLub®
Dry	0,18	0,16	0,12
Water	0,15	0,10	0,08
W&S/Dry lube	0,13	0,08	0,07
Oil	0,09	0,09	0,09

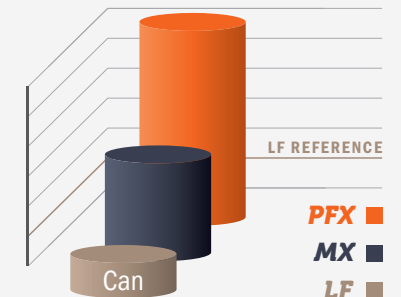
Allowable application temperatures

Temperatures - Fahrenheit / Celsius		
Min.	Max.	
Dry & Wet	Dry	Wet
-40°F/-40°C	248°F/120°C	140°F/60°C

Friction factors between PFX and Product material

Lubrication	Paper & carton	Metal (steel)	Aluminium	Plastics & PET	Glass (returnable)	Glass (new)
Dry	0,18	0,16	0,14	0,10	0,11	0,10
Water	n.a.	0,14	0,13	0,11	0,12	0,11
W&S/Dry lube	n.a.	0,12	0,11	0,09	0,10	0,09
Oil	n.a.	0,09	n.a.	n.a.	n.a.	n.a.

Power saving
RELATIVE TO LF = 100%



Example calculated with cans UHMWPE chain guides 90° side-flexing conveyor under accumulation.

Note: Material properties and performance of final product are subject to variation according to operating conditions, e.g. environmental conditions, chemicals, cleanliness.

Product range

820 FT

Article-Nr.	Plate Width mm	Weight kg/m	Max working load N
11013002	82,5	0,89	1260
11013003	83,8	0,90	
11013004	88,9	0,91	
11013014	101,6	0,95	
11013005	114,3	1,00	
11013006	152,4	1,22	
11013007	190,5	1,43	

880 M

Article-Nr.	Plate Width mm	Weight kg/m	Max working load N
11103002	82,5	1,05	1750
11103003	83,8	1,09	
11103005	114,3	1,15	

R: 457 mm
Backflex radius min.: 50 mm

260 M FT

Article-Nr.	Plate Width mm	Weight kg/m	Max working load N
11513003	83,8	1,65	1600
11513005	114,3	2,20	

Side flex radius: 500 mm

828 FT

Article-Nr.	Plate Width mm	Weight kg/m	Max working load N
11023002	82,5	1,07	1860
11023003	83,8	1,13	

Backflex radius min.: 50 mm

880 TAB

Article-Nr.	Plate Width mm	Weight kg/m	Max working load N
11113002	82,5	1,015	1750
11113003	83,8	1,018	
11113005	114,3	1,09	

R: 457 mm
Backflex radius min.: 40 mm

260 M FG

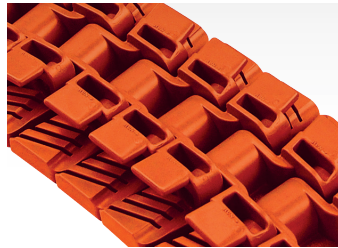
Article-Nr.	Plate Width mm	Weight kg/m	Max working load N
11543003	83,8	1,52	1600
11543005	114,3	2,03	

Side flex radius: 500 mm

Other different types of product in PFX are on request

Product range

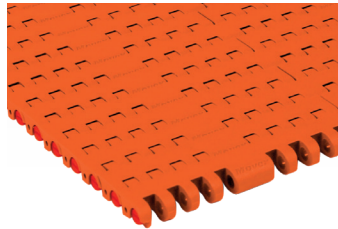
260 TAB



Article-Nr.	Plate Width mm	Weight kg/m	Max working load N
11523003	83,8	1,75	1600
11523005	114,3	1,90	

Side flex radius: 500 mm

520 HD FT



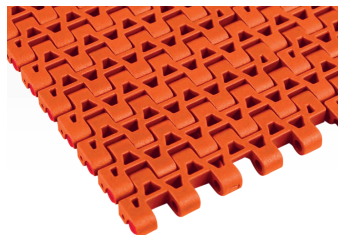
CODE STRUCTURE

Series	Material	Width	Version
5211	30	See below	See below

Standard Width: from 0085 to 0680
(increments of 85 mm)

Version A - Standard | Version B - 1 Positioner
Version C - 2 Positioners

525 HD FG



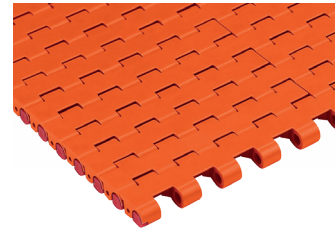
CODE STRUCTURE

Series	Material	Width	Version
5262	30	See below	See below

Standard Width: from 0085 to 1530
(increments of 85 mm)

Version A - Standard | Version B - 1 Positioner
Version C - 2 Positioners

520 FT



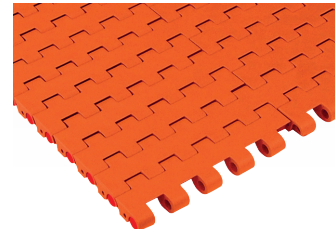
CODE STRUCTURE

Series	Material	Width	Version
5201	30	See below	See below

Standard Width: from 0085 to 1530
(increments of 85 mm)

Version A - Standard | Version B - 1 Positioner
Version C - 2 Positioners

525 HD FT



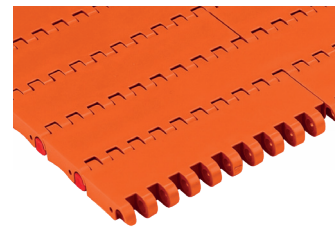
CODE STRUCTURE

Series	Material	Width	Version
5261	30	See below	See below

Standard Width: from 0085 to 1530
(increments of 85 mm)

Version A - Standard | Version B - 1 Positioner
Version C - 2 Positioners

550 FT



CODE STRUCTURE

Series	Material	Width	Version
5221	30	See below	See below

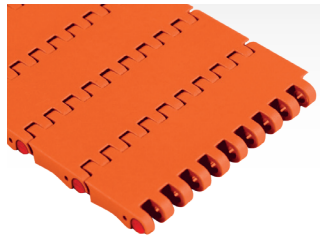
Standard Width: from 0085 to 1530
(increments of 85 mm)

Version A - Standard | Version B - 1 Positioner
Version C - 2 Positioners

Wider belts are available with 85 cm increments | Other different types of product in PFX are on request

Product range

550 FT One track belt CODE STRUCTURE

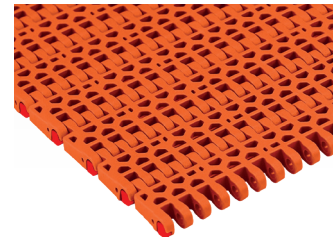


Series	Material	Width	Version
5221	30	9330	See below

Standard Width: 9330 - 83,8 mm - K330

Version A - Standard | Version C - 2 Positioners

550 FG CODE STRUCTURE



Series	Material	Width	Version
5222	30	See below	See below

Standard Width: from 0085 to 1530
(increments of 85 mm)

Version A - Standard | Version B - 1 Positioner
Version C - 2 Positioners

550 FG One track belt CODE STRUCTURE

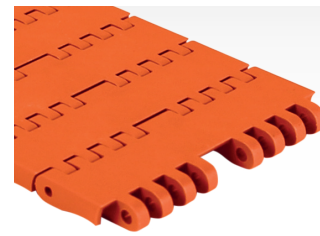


Series	Material	Width	Version
5222	30	9330	See below

Standard Width: 9330 - 83,8 mm - K330

Version A - Standard | Version C - 2 Positioners

550 PRO FT CODE STRUCTURE

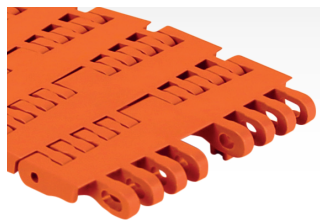


Series	Material	Width	Version
5227	30	9330	See below

Standard Width: 9330 - 83,8 mm - K330

Version A - Standard | Version C - 2 Positioners

550 PRO M CODE STRUCTURE

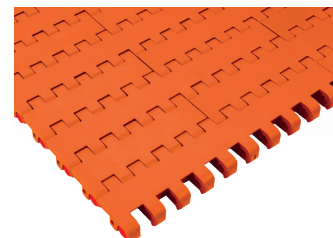


Series	Material	Width	Version
5228	30	9330	See below

Standard Width: 9330 - 83,8 mm - K330

Version C - 2 Positioners

551 FT CODE STRUCTURE



Series	Material	Width	Version
5231	30	See below	See below

Standard Width: from 0085 to 1530
(increments of 85 mm)

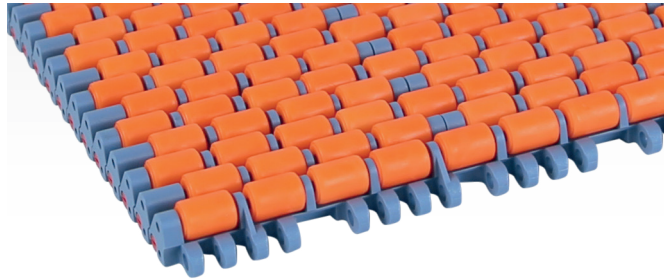
Version A - Standard | Version B - 1 Positioner
Version C - 2 Positioners

Wider belts are available with 85 cm increments | Other different types of product in PFX are on request

Product range

520 PRO LBP

Wider belts are available with 85 cm increments



Belt Material

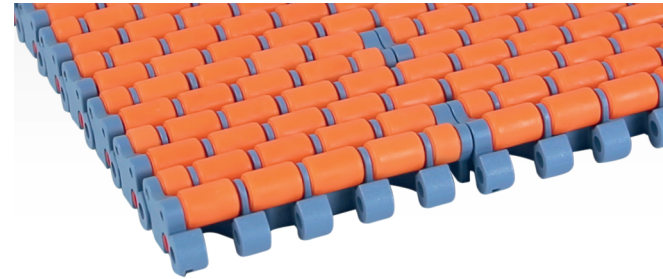
LFA
Low friction Acetal

Rollers Material

PFX
PBT with additives

551 PRO LBP

Wider belts are available with 85 cm increments



Belt Material

LFA
Low friction Acetal

Rollers Material

PFX
PBT with additives

Stainless steel Pin

Series	Material	Width	*Version
5209	01	0085	*
5209	01	0170	*
5209	01	0255	*
5209	01	0340	*
5209	01	0425	*
5209	01	0510	*
5209	01	0595	*
5209	01	0680	*
5209	01	0595	*
5209	01	0680	*
5209	01	0765	*
5209	01	0850	*
5209	01	0935	*
5209	01	1020	*
5209	01	1105	*
5209	01	1190	*
5209	01	1275	*
5209	01	1360	*
5209	01	1445	*
5209	01	1530	*

Plastic Pin

Series	Material	Width	*Version
5210	01	0085	*
5210	01	0170	*
5210	01	0255	*
5210	01	0340	*
5210	01	0425	*
5210	01	0510	*
5210	01	0595	*
5210	01	0680	*
5210	01	0595	*
5210	01	0680	*
5210	01	0765	*
5210	01	0850	*
5210	01	0935	*
5210	01	1020	*
5210	01	1105	*
5210	01	1190	*
5210	01	1275	*
5210	01	1360	*
5210	01	1445	*
5210	01	1530	*

Stainless steel Pin

Series	Material	Width	*Version
5239	01	0085	*
5239	01	0170	*
5239	01	0255	*
5239	01	0340	*
5239	01	0425	*
5239	01	0510	*
5239	01	0595	*
5239	01	0680	*
5239	01	0595	*
5239	01	0680	*
5239	01	0765	*
5239	01	0850	*
5239	01	0935	*
5239	01	1020	*
5239	01	1105	*
5239	01	1190	*
5239	01	1275	*
5239	01	1360	*
5239	01	1445	*
5239	01	1530	*

Plastic Pin

Series	Material	Width	*Version
5240	01	0085	*
5240	01	0170	*
5240	01	0255	*
5240	01	0340	*
5240	01	0425	*
5240	01	0510	*
5240	01	0595	*
5240	01	0680	*
5240	01	0595	*
5240	01	0680	*
5240	01	0765	*
5240	01	0850	*
5240	01	0935	*
5240	01	1020	*
5240	01	1105	*
5240	01	1190	*
5240	01	1275	*
5240	01	1360	*
5240	01	1445	*
5240	01	1530	*

*Version

Standard Add A

With 1 Positioner Add B

With 2 Positioners Add C

*Version

Standard Add A

With 1 Positioner Add B

With 2 Positioners Add C

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