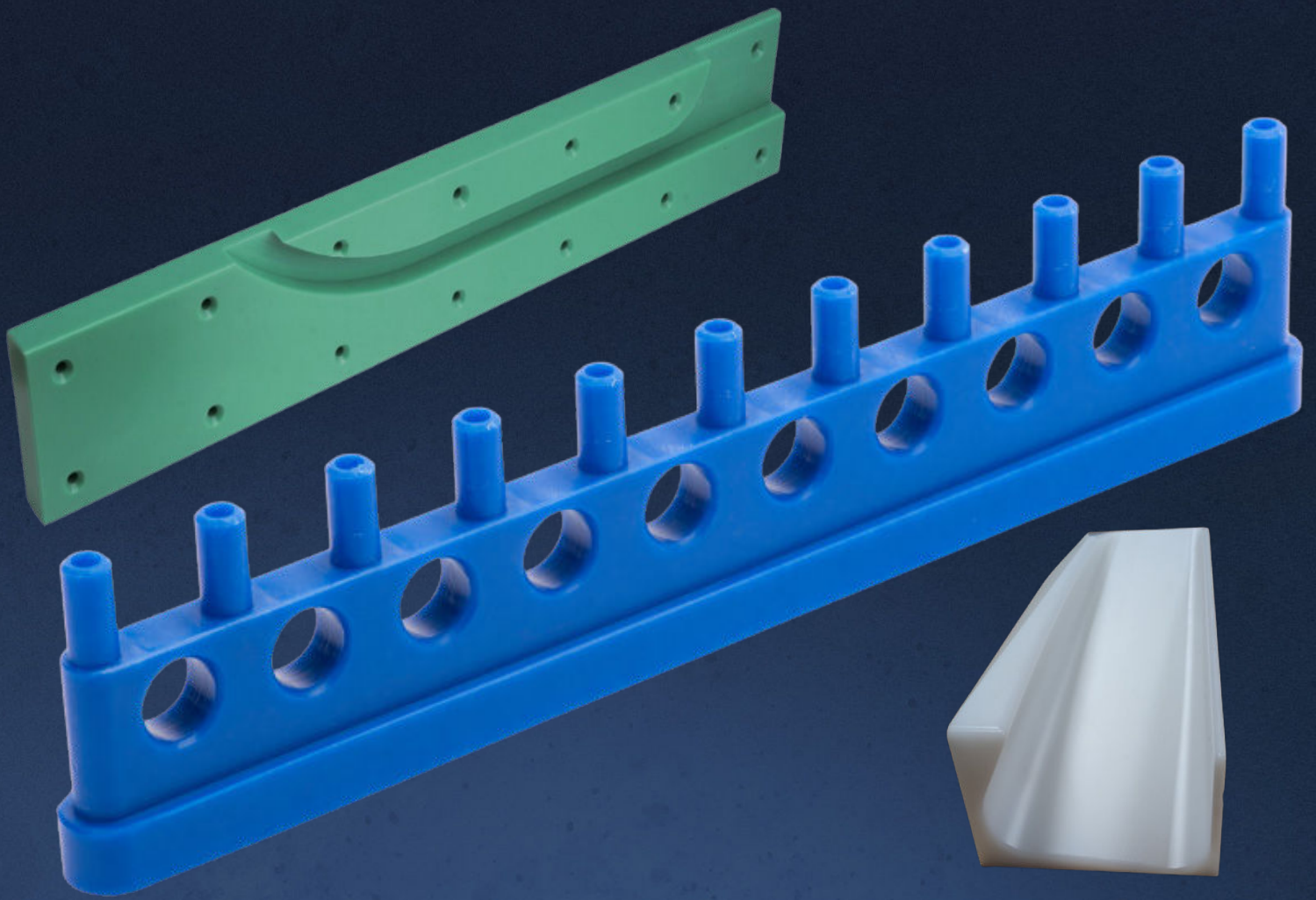




Machined plastic parts
Slide & guide profiles
Engineering plastics



faber
by hellomoov'



faber
by hellomoov'

- hellomoov' group company

FABER manufactures machined technical plastic parts for all industries:

- Turned and milled plastic parts
- **Standard and custom-made** sliding profiles from 3 meters in length to large series, which our highperformance resources enable us to produce within very short lead times.
- Specific plastic "tooling" parts for the packaging line industry or any other industries.
- Milling capacities: 3000x1500x100
- Turning capacities: Ø400 x length 2000 mm
- Single or handling variable pitch screws

Our design offices can guide you in optimizing the design of your machined plastic parts.

Our commitment



Faber has been ISO 9001 certified since 1997, testifying to our commitment to the quality of our products, the service we provide to our customers and the continuous improvement of our processes.

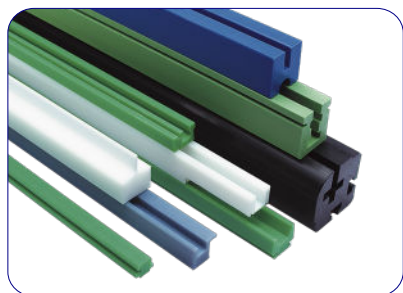


Today, Faber is embarking on a new corporate project by implementing a CSR approach. This project combines environmental and social issues with economic ones.



We are committed to sustainable development. Protecting people and the environment by maintaining and producing modular, repairable, long-lasting products. We can also recycle the materials we can supply that you no longer need, by working on recycling our packaging and waste.

Machined plastic parts for conveyors & packaging lines



Profiles for chains or belts



Profiles for roller chains



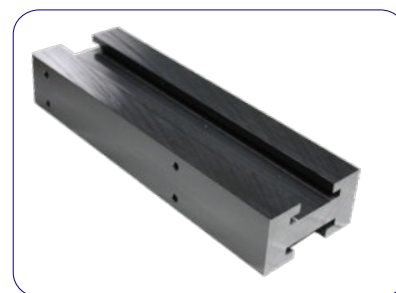
Carters



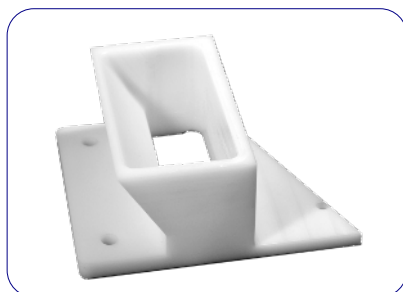
Profiles for belts



Hinged guides



Profiles for conveyor chains



Funnels, guides



Product guides, forks



Format parts for packaging machines



Roller supports



Pucks

Machined plastic parts for all industries



Tubes, spacers, rollers



Diabolos, pulleys



Sprockets, gear wheels



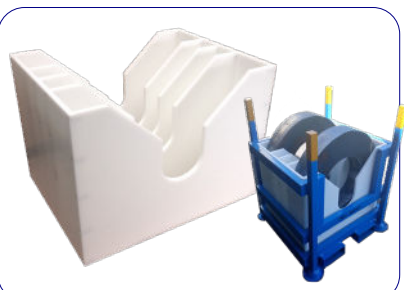
Bearings



Bearings



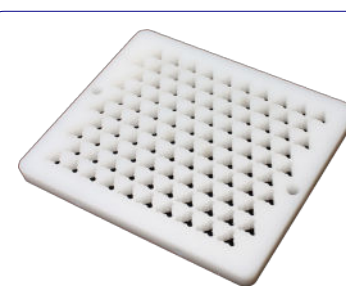
Sprockets, straight modules from 0.5 to 16mm



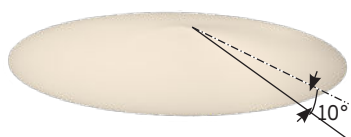
Supports for the nuclear industry



Grids



Grids



Cône (Ø 1145 x H. 100mm approx)



Hinge flanges

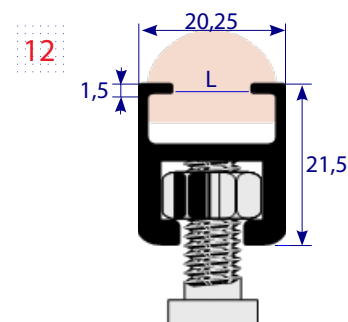
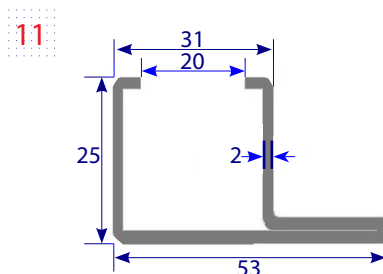
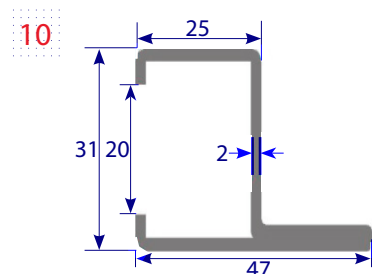
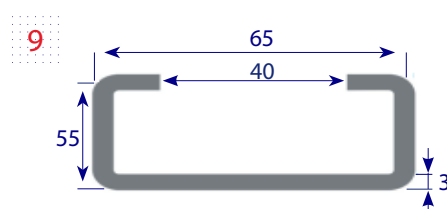
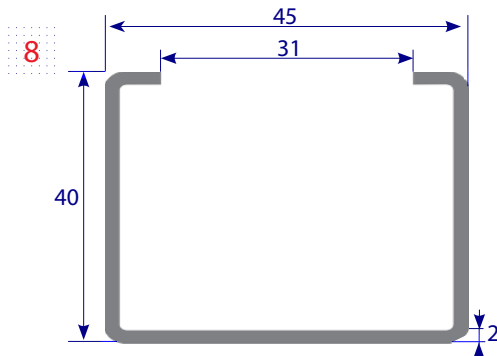
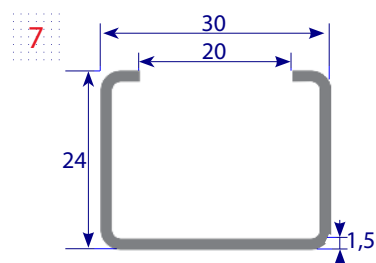
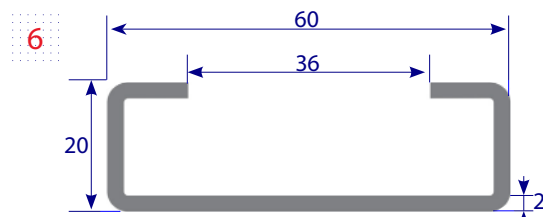
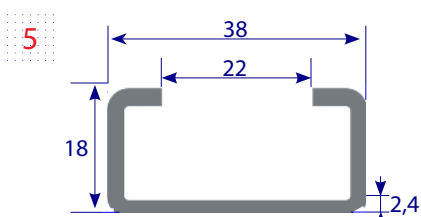
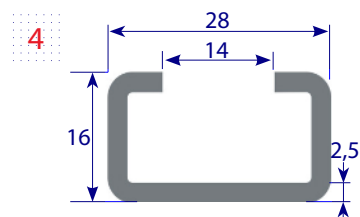
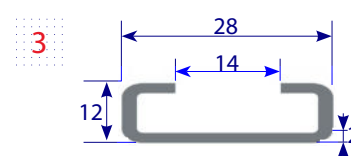
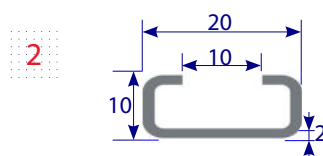
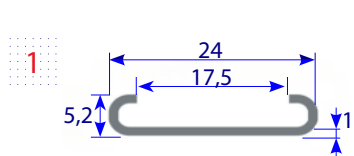
In motion on
Vimeo :



Metal frame unit length 3m

Reference			Weight	Figure	Availability
Galvanised steel	Stainless steel	Black anodised aluminium	Kg/m		
		AC2A8	0,51	12	in stock ✓
C2452Z	C2452X		0,28	1	
C2010Z	C2010X		0,49	2	
C2812Z	C2812X		0,89	3	
C2816Z	C2816X		1,16	4	
C3818Z	C3818X		1,43	5	
C6020Z	C6020X		2,05	6	
C3024Z	C3024X		0,91	7	
C4540Z	C4540X		2,05	8	
C6555Z	C6555X		4,55	9	on request
PPAHZ	PPAHX		2,05	10	
PPAVZ	PPAVX		2,05	11	

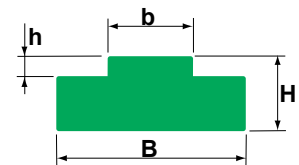
Other sizes possible on request.



Frameless profile section for horizontal single roller chain

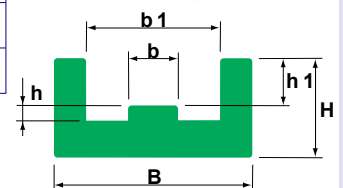
+ FS Series

ISO Chain		Profile				
Ref.	Pitch (mm)	Ref.	B	H	b	h
06B1	9,525	FS 2	15	10	5,5	1,5
08B1	12,7	FS 5	20	10	7,5	2,2
		FS 6		15		
		FS 7		20		
		FS 8	30	20		
10B1	15,875	FS 10	20	10	9,3	2,6
		FS 11		15		
		FS 12		20		
		FS 13	30	25		
12B1	19,05	FS 14	25	10	11,3	2,4
		FS 15		15		
		FS 16		20		
		FS 17	30	25		
16B1	25,5	FS 18	40	15	16,5	3,5
		FS 19		20		
		FS 20		30		
20B1	31,75	FS 21	45	15	19	4,3
24B1	38,1	FS 22	60	15	24,7	5,5
28B1	44,45	FS 23	75	20	30,1	6,8
32B1	50,8	FS 24	80	20	30,1	7,7



+ F1E Series

ISO Chain		Profile						
Ref.	Pitch (mm)	Ref.	B	H	b	h	b1	h1
06B1	9,525	F1E 1	25	10	5,5	1,5	15	4,35
08B1	12,7	F1E 2	30	15	7,5	2,2	20	7,17
10B1	15,875	F1E 3	33	20	9,3	2,6	23	9,45
12B1	19,05	F1E 4	38	20	11,3	2,4	28	11,1
16B1	25,4	F1E 5	51	25	16,5	3,5	41	16,5



Dimensions calculated for rivetted pins, without special connections or quick links.

: 3m.

: HDPE.

: black or green.

Other sizes and materials on request.

Practical tips

HDPE has a coefficient of expansion of 0.2 mm/m/°C.

An expansion joint must be provided between the profile sections. We suggest fixing the profile sections at one end and allowing them to expand freely at the other end. Too many attachment points too close together could cause the profile section to ripple.

-The chain guide frames can be fixed by screws or welding.

-It is preferable to offset the cuts between the frames and the profile sections.

A diagonal cut facilitates the passage from one profile section to the next.

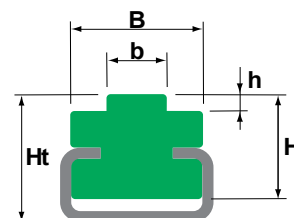
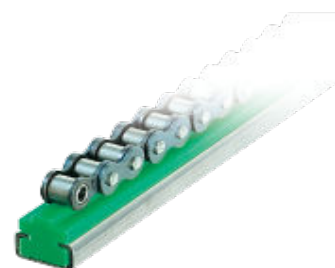


Framed profiles section for horizontal single roller chain

+ AS Series

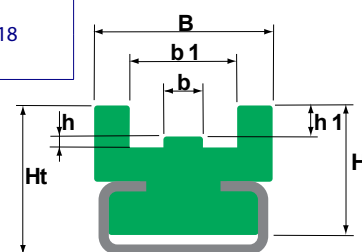
ISO Chain		Profile						Frame Ref.
Ref.	Pitch (mm)	Ref.	B	H	b	h	Ht	
06B1	9,525	AS 0	20	15	5,5	1,5	17	C2010/AC2A8
08B1	12,7	AS 4	20	10	7,5	2,2	11	C2452
		AS 10	17	15			17	C2010/AC2A8
10B1	15,875	AS 12	17		9,3	2,6		
12B1	19,05	AS 13	20				11,3	2,4
		AS 14	24					
16B1	25,4	AS 15	24		16,5	3,5		
20B1	31,75	AS 16	28	19			4,3	
24B1	38,1	AS 17	33		25	24,7		5,5
28B1	44,45	AS 18	38	30,1			6,8	
32B1	50,8	AS 19	38			30,1		7,7

In stock
✓



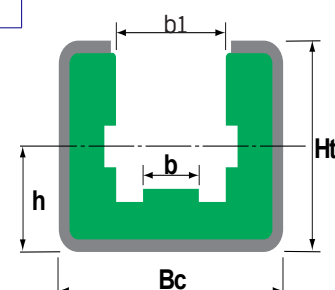
+ A1E Series

ISO Chain		Profile								Frame Ref.
Ref.	Pitch (mm)	Ref.	B	H	b	h	b1	h1	H1	
06B1	9,525	A1E1	25	18	5,5	1,5	15	4,35	20	C2010/AC2A8
08B1	12,7	A1E2	30	24,5	7,5	2,2	20	7,17	27	C2812
10B1	15,875	A1E3	33	29,5	9,3	2,6	23	9,45	32	
12B1	19,05	A1E4	38	35	11,3	2,4	28	11,1	38,5	C3818
16B1	25,4	A1E5	51	40	16,5	3,5	41	16,5	43,5	



+ AW Series

ISO Chain		Profile						Frame Ref.
Ref.	Pitch (mm)	Ref.	b	h	b1	Bc	Ht	
06B1	9,525	AW 0	5,5	12	11,2	30	24	C3024
08B1	12,7	AW2	7,5		15			
10B1	15,875	AW 3a	9,3	14	17,2			
12B1	19,05	AW 4a	11,3		20	45	40	C4540
16B1	25,4	AW 5	16,5	19	32,3			



Dimensions calculated for rivetted pins, without special connections or quick links.

: 3m.

: HDPE.

: black or green.

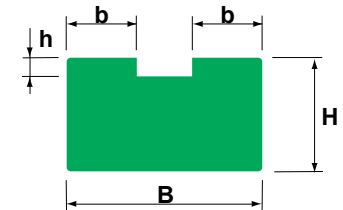
Other sizes and materials on request.

Galvanized steel or stainless steel frames sold separately from plastic profiles.

Frameless profile section for horizontal double roller chain

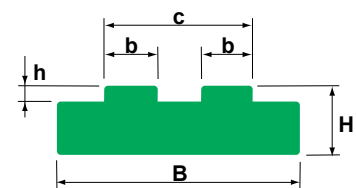
+ FT Series

ISO Chain		Profile				
Ref.	Pitch (mm)	Ref.	B	H	b	h
06B2	9,525	FT 1	15	10	5,5	1,2
08B2	12,7	FT 2-10	21,5	10	7,5	2,2
		FT 3-15		15		
		FT 4-20		20		
10B2	15,875	FT 6-10	26	10	9,3	2,6
		FT 6-15		15		
		FT 6-20		20		
12B2	19,05	FT 7-10	31	10	11,3	2,4
		FT 7-15		15		
		FT 7-20		20		
16B2	25,4	FT 8-15	48,5	15	16,5	3,5
		FT 8-20		20		
		FT 8-25		25		



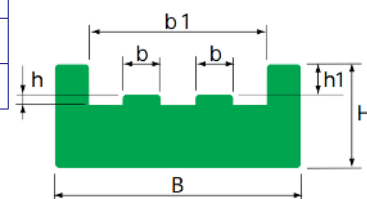
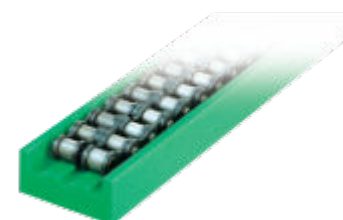
+ FP Series

ISO Chain		Profile					
Ref.	Pitch (mm)	Ref.	B	H	b	h	C
06B2	9,525	FP 1	25	10	5,5	1,5	15,7
08B2	12,7	FP 2-10	35	10	7,5	2,2	21,5
		FP 3-15		15			
		FP 4-20		20			
		FP 5-25		25			
10B2	15,875	FP 6-10	40	10	9,3	2,6	25,8
		FP 6-15		15			
		FP 6-20		20			
12B2	19,05	FP 7-10	45	10	11,3	2,4	30,8
		FP 7-15		20			
		FP 7-20		20			
16B2	25,4	FP 8-15	65	15	16,5	3,5	48,5
		FP 8-20		20			



+ F2E Series

ISO chain		Profile						
Ref.	Pitch (mm)	Ref.	B	H	b	h	b1	h1
06B2	9,525	F2E 1	36	15	5,5	1,5	26	4,35
08B2	12,7	F2E 2	45	20	7,5	2,2	35	7,17
10B2	15,875	F2E 3	50	25	9,3	2,6	40	9,45
12B2	19,05	F2E 4	56	25	11,3	2,4	46	11,1
16B2	25,4	F2E 5	85	30	16,5	3,5	75	16,5



Dimensions calculated for rivetted pins, without special connections or quick links.

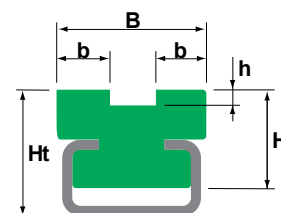
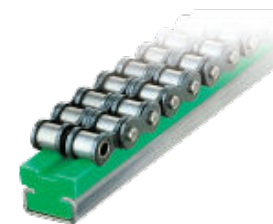
- : 3m.
- : HDPE.
- : black or green.

Other sizes and materials on request.

Framed profile section for horizontal double roller chain

+ AT Series

ISO Chain		Profile						Frame Ref.
Ref.	Pitch (mm)	Ref.	B	H	b	h	Ht	
06B2	9,525	AT 0	15,7	15	5,5	1,5	17,0	C2010/AC2A8
08B2	12,7	AT 1	21,5		7,5	2,2	19,0	C2812
10B2	15,875	AT 2	26,0		9,3	2,6		
12B2	19,05	AT 3	30,7		11,3	2,4		
16B2	25,4	AT 4	48,3	20	16,3	3,5	27,0	C3818



+ AP Series

ISO Chain		Profile							Frame Ref.
Ref.	Pitch (mm)	Ref.	B	H	b	h	c	Ht	
06B2	9,525	AP 1	25	12	1,5	1,5	15,7	18,0	C2010/AC2A8
08B2	12,7	AP 2-15	35	15	7,5	2,2	21,5	25	
		AP 3-20		20				30	
		AP 4-25		25				35	
10B2	15,875	AP 5	40	20	9,3	2,6	26,0	30	C3818
12B2	19,05	AP 6	45		11,3	2,4	30,7		
16B2	25,4	AP 7	65			16,3	3,5	48,3	32,2

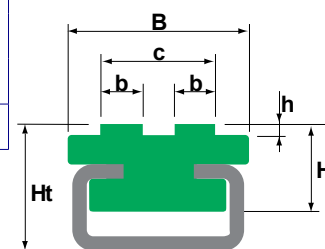
Dimensions calculated for rivetted pins, without special connections or quick links.

 : 3m.

 : HDPE.

 : black or green.

Other sizes and materials on request.



Frameless profile section for horizontal triple roller chain

+ FW Series

ISO Chain		Profile					
Ref.	Pitch(mm)	Ref.	B	H	b	h	c
06B3	9,525	FW 1	35	10	5,5	1,5	25,9
08B3	12,7	FW 2-10	45	10	7,5	2,2	35,9
		FW 3-15		15			
		FW 4-20		20			
10B3	15,875	FW 5-10	55	10	9,3	2,6	42,4
		FW 6-15		15			
		FW 7-20		20			
12B3	19,05	FW 8-15	60	15	11,3	2,4	50,2
		FW 9-20		20			
16B3	25,4	FW 10	95	20	16,5	3,5	80,3

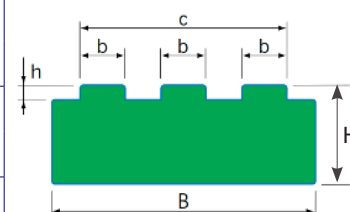
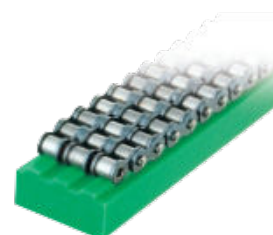
Dimensions calculated for rivetted pins, without special connections or quick links.

 : 3m.

 : HDPE.

 : black or green.

Other sizes and materials on request.



Frameless profile section for vertical roller chain

+ FU Series

ISO Chain		Profile						
Ref.	Pitch (mm)	Ref.	B	H	h2	h3	d2	d3
06B1	9,525	FU 1	20	15	2,8	4,8	4	9,2
08B1	12,7	FU 2	25		3,5	5,5	5	12,7
10B1	15,875	FU 3			3,6	5,6	6	15,2
12B1	19,05	FU 4		20	3,9	5,9	7	16,7
16B1	25,4	FU 5	35	25	8,4	8,4	9	24,4

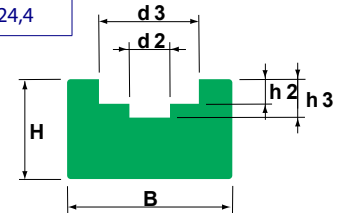
Les côtes sont calculées pour axes rivés, sans raccord spécial ou attache rapide.

 : 3m.

 : HDEP.

 : black or green

Other sizes and materials on request.



+ FM Series

ISO Chain		Profile								
Ref.	Pitch (mm)	Ref.	B	H	h1	h2	h3	d1	d2	d3
06B1	9,525	FM 2	20	25	5,5	8,7	10,7	6,6	4	9,3
08B1	12,7	FM 6	24	30	7,5	11,5	13,5	8,7	5	12,8
10B1	15,875	FM 8	30	35	9,3	13,5	15,5	10,4	6	15,4
12B1	19,05	FM 9	40		11,3	15,9	18	12,3	7	16,9
16B1	25,4	FM 14		45	16,5	25,7	27,7	16,1	10	24,4

B et H peuvent varier à votre demande.

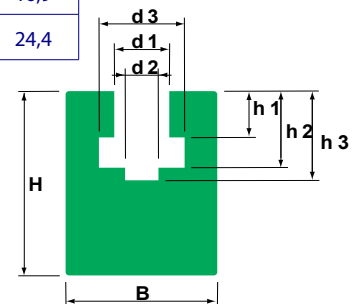
L'attache de la chaîne doit être placée vers l'extérieur.

 : 3m.

 : HDEP.

 : black or green

Other sizes and materials on request.



Framed profiles section for dual-layer horizontal roller chain

+ ADE Series

ISO Chain		Profile							Frame Ref.
Ref.	Pitch (mm)	Ref.	B	H	b1	h1	h2	Ht	
06B1	9,525	ADE 1	20	26,4	17,3	19,5	31,6	28,4	C2010/AC2A8
08B1	12,7	ADE 2		28	16,2	18,9	34,8	30,5	
10B1	15,875	ADE 3		34,4	15,3	21,2	41,1	36,0	
12B1	19,05	ADE 4	24,2	38,5	18,5	24,8	47,5	41,5	C2812
16B1	25,4	ADE 5	35	52,4	26,7	40	53,4	61,4	C3818

The chain attachment must be positioned facing outwards.

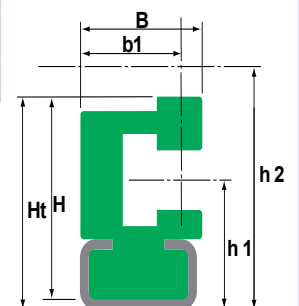
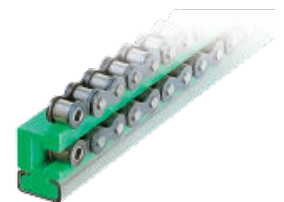
 : 3m.

Galvanized steel or stainless steel frames sold separately from plastic profiles.

 : HDEP.

 : black or green

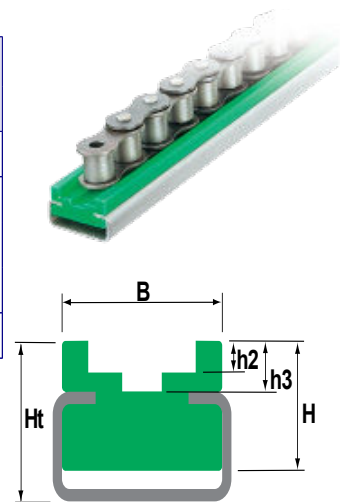
Other sizes and materials on request.



Framed profile section for vertical roller chain

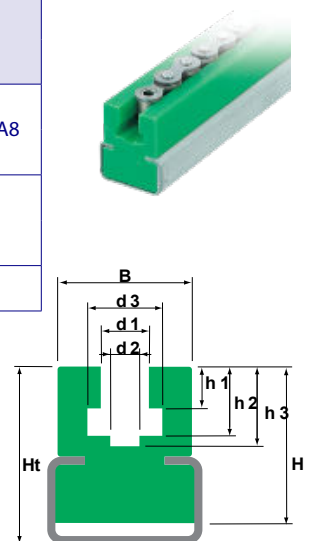
+ CU Series

ISO Chain		Profile						Frame Ref.
Ref.	Pitch (mm)	Ref.	B	H	h2	h3	Ht	
06B1	9,525	CU 1	20	11	2,8	4,8	16	C2010/AC2A8
08B1	12,7	CU 2	25	15	3,5	5,5	20	C2812
10B1	15,875	CU 3			3,6	5,6		
12B1	19,05	CU 4			3,9	5,9		
16B1	25,4	CU 5	35	20	8,4	10,4	30	C3818



+ AG Series

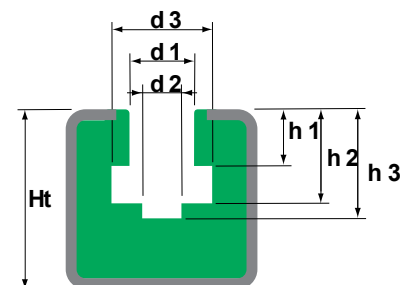
ISO Chain		Profile										Frame Ref.
Ref.	Pitch (mm)	Ref.	B	H	h1	h2	h3	d1	d2	d3	Ht	
06B1	9,525	AG 2	20	18	5,5	8,7	10,7	6,6	4	9,3	21	C2010/AC2A8
08B1	12,7	AG 6	24	28	7,5	11,5	13,5	8,7	5	12,8	32	
10B1	15,875	AG 8			9,3	13,5	15,5	10,4	6	15,4		C2812
12B1	19,05	AG 9	35	40	11,3	15,9	18,0	12,3	7	16,9	43	
16B1	25,4	AG 10	40	45	16,5	25,7	27,7	16,1	10	24,4	50	C3818



+ AM Series

ISO Chain		Profile								Frame Ref.
Ref.	Pitch (mm)	Ref.	h1	h2	h3	d1	d2	d3	Ht	
06B1	9,525	AM 11	5,5	8,7	10,7	6,6	4	9,3	24	C3024
08B1	12,7	AM 15	N	7,5	11,5	13,5	8,7	5	12,8	
10B1	15,875	AM 17	N	9,3	13,5	15,5	10,4	6	15,4	
12B1	19,05	AM 18	N	11,3	15,9	18,0	12,3	7	16,9	
16B1	25,4	AM 19	16,5	25,7	27,7	16,1	10	24,4	40	C4540

In stock
✓



The chain attachment must be positioned facing outwards.

⚙️ : 3m.

Galvanized steel or stainless steel frames sold separately from plastic profiles.

⚙️ : HDPE.

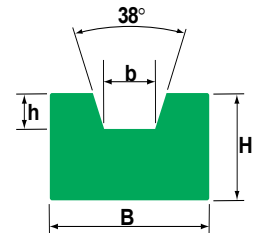
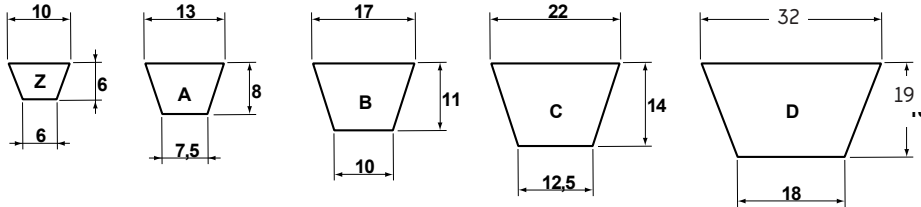
🌈 : black or green.

Other sizes and materials on request.

Frameless profile section for belts

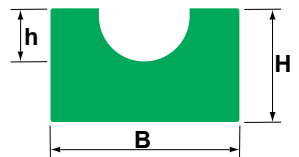
+ FQ Series- V belt

Belt		Profile				
Ref.	Dimensions (mm)	Ref.	B	H	b	h
Z	10 x 6	FQ 0	20	10	6,5	3,5
A	13 x 8	FQ 1	25	15	8,0	5,0
B	17 x 11	FQ 2			10,5	8,0
C	22 x 14	FQ 3	35	20	13,5	11,0
D	32 x 19	FQ 6	40	25	19,0	13,0



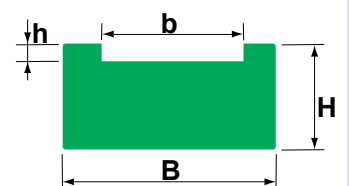
+ FK Series - Round

Belt		Profile			
Ø (mm)	Ref.	B	H	h	
Ø 5	FK 1	20	12	3	
Ø 6	FK 2			4	
Ø 8	FK 3			5	
Ø 10	FK 4	25	15	6	
Ø 12	FK 5			8	
Ø 15	FK 6	35	20	9	
Ø 18	FK 7			11	



+ CP Series - Flat

Belt		Profile				
Width (mm)	Ref.	B	H	b	h	
15	CP 1	24	12	16	2	
20	CP 2	29		24		
25	CP 3	34		26		
20	CP 4	29	14	21	2,5	
30	CP 5	39		31		
40	CP 6	49		42		
30	CP 7	39	15	31	3	
40	CP 8	49		42		
50	CP 9	59		52		
40	CP 10	49	18	42	4	
50	CP 11	59		52		
60	CP 12	69		62		



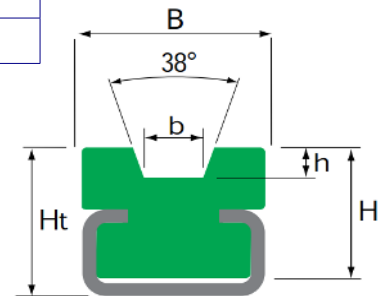
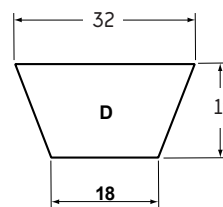
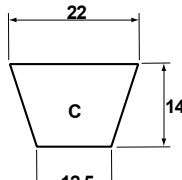
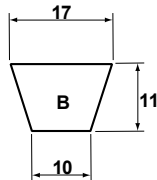
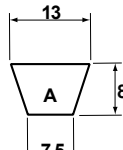
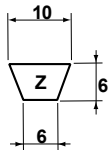
: 3m.
 : HDPE.
 : black, white or green.

Other sizes and materials on request.

Framed profile section for belts

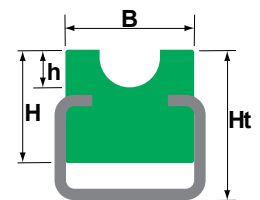
+ AQ Series - V belt

Belt		Profile						Frame Ref.
Ref.	Dim (mm)	Ref.	B	H	b	h	Ht	
Z	10 x 6	AQ 0	20	15	6,5	3,5	17	C2010/AC2A8
A	13 x 8	AQ 1	25	18	8,0	5,0	20	
B	17 x 11	AQ 2		20	10,5	8,0	22	
C	22 x 14	AQ 3A	30	25	13,5	11,0	30	C2812
D	32 x 19	AQ 6	40	28	19,0	13,0	37	C3818



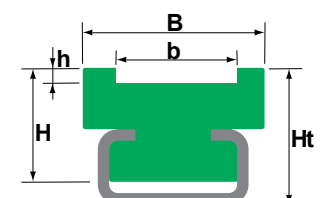
+ AK Series - Round

Belt	Profile					Frame Ref.
Ø (mm)	Ref.	B	H	h	Ht	
Ø 5	AK 1	17	14	3	16	C2010/AC2A8
Ø 6	AK 2			4		
Ø 8	AK 3			5		
Ø 10	AK 4	25	20	6	25	C2812
Ø 12	AK 5			8		
Ø 15	AK 6	35	25	9	32	C3818
Ø 18	AK 7			11		



+ ACP Series - Flat

Belt	Profile						Frame Ref.
Width (mm)	Ref.	B	H	b	h	Ht	
15	ACP 1	24	15	16	2	18	C2010/AC2A8
20	ACP 2	29	18	21		21	C2812
25	ACP 3	34		26			
20	ACP 4	29	22	21	2,5	26	C3818
30	ACP 5	39		31			
40	ACP 6	49		42			
30	ACP 7	39		31	3		
40	ACP 8	49		42			
50	ACP 9	59	25	52	4	29	C6020
40	ACP 10	49		42			C3818
50	ACP 11	59		52			C6020
60	ACP 12	69		28		62	32



3m.

HDPE.

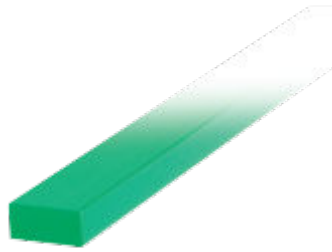
: black, green or white.

Galvanized steel or stainless steel frames sold separately from plastic profiles.

Other sizes and materials on request.

Rectangular flat section for top or side guides

+ P Series (machined)



Length: 2 and 3m.

Material: HDPE.

Colors: black, green, red, white or blue.

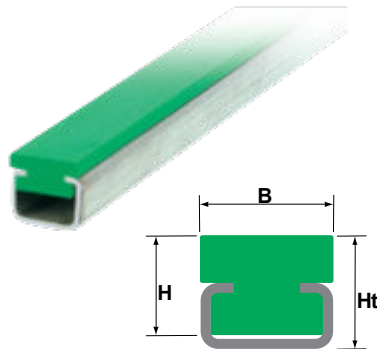
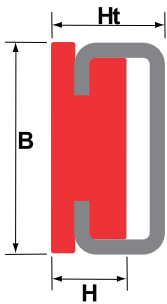
Material: POM - PA6 (other material).

Holes and bevel cuts on request

Profile		
Ref.	B	H
P 8x20	8	20
P 8x25		25
P 10x20	10	20
P 10x25		25
P 10x30		30
P 12x15	12	15
P 12x20		20
P 12x25		25
P 12x30		30
P 12x35	15	35
P 15x20		20
P 15x25		25
P 15x30		30
P 15x35	20	35
P 15x40		40
P 20x20		20
P 20x25		25
P 20x30	20	30
P 20x35		35
P 20x40		40

Framed profile section for top or side guides

+ AA Series



Length: 3m.

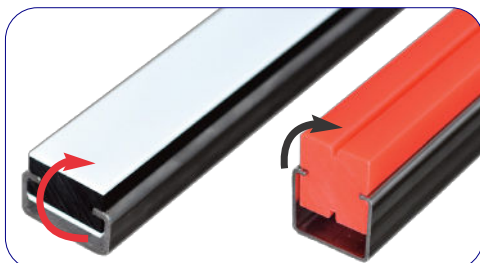
Material: HDPE.

Colors: black, green or white.

Galvanized steel or stainless steel frames sold separately from plastic profiles.

On request

- Other dimensions and materials, CNC bending.
- 2 or 4 sided reversible profiles for longer life, lower maintenance costs, less machine downtime and less waste.



Profile				Frame Ref.
Ref.	B	H	Ht	
AA 2	21	8	10	C2452
AA 3		10	12	
AA 4		13,7	15	
AA 5		15	18	
AA 6		18	20	
AA 7	20	10	14	C2010/AC2A8
AA 8		15	17	
AA 9		20	22	
AA 10		15	20	
AA 11	16	10	13	C2010/AC2A8
AA 12		12	15	
AA 13		15	18	
AA 14		15	20	
AA 15	28	20	22	C2812
AA 16		10	15	
AA 17	38	15	18	C3818
AA 18		10	21	
AA 19		15	25	
AA 20	35	20	30	C3818
AA 21		12	22	
AA 22		15	25	
AA 23		20	30	
AA 24	28	35	45	C2816
AA 25		15	24	

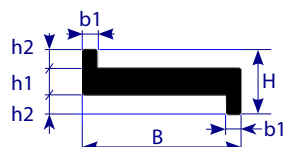
In stock



HDPE guides for slat band chains

+ Strip «Z» (HDPE black or green)

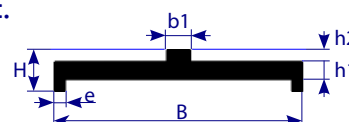
Profile						
Ref.	B	H	b1	h1	h2	Pkg.
1201	20	8	2	3	2,5	50m
2501	23	11	3,5	5	3	3m
2502	27	17	3	5	6	3m



Other sizes and materials on request.

+ Guided central rib (Black machined HDPE)

Profile							
Ref.	B	H	b1	h1	h2	e	Pkg.
2801	40	7	4	3	2	2	3m
2802	42	14	3	5	2,5	6	
2803	50	14	3	5	3	4,7	



+ Strip «L» (HDPE black or green)

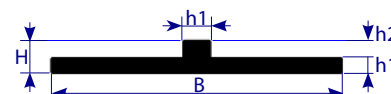
Profile					
Ref.	B	H	b1	h1	Pkg.
1301	20	5,5	2	3	50m



Other sizes and materials on request.

+ Centrale rib (HDPE black or green)

Profile						
Ref.	B	H	b1	h1	h2	Pkg.
2601	40	6	4	3	3	3m
2602	40		6			
2603	45		12			



+ Slide strips Series D unrolled

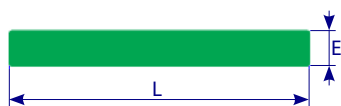


: HDPE.



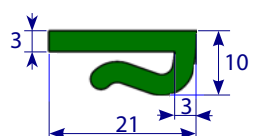
: black, green or natural.

Other sizes and colors on request.

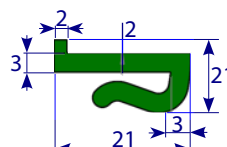


		Thickness E (mm)							
		1	2	3	4	5	6	7	8
Width L (mm)	10	D1x10	D2x10	D3x10	D4x10	D5x10	D6x10	D7x10	D8x10
	15	D1x15	D2x15	D3x15	D4x15	D5x15	D6x15	D7x15	D8x15
	20	D1x20	D2x20	D3x20	D4x20	D5x20	D6x20	D7x20	D8x20
	25	D1x25	D2x25	D3x25	D4x25	D5x25	D6x25	D7x25	D8x25
	30	D1x30	D2x30	D3x30	D4x30	D5x30	D6x30	D7x30	D8x30
	35	D1x35	D2x35	D3x35	D4x35	D5x35	D6x35	D7x35	D8x35
	40	D1x40	D2x40	D3x40	D4x40	D5x40	D6x40	D7x40	D8x40
	45	D1x45	D2x45	D3x45	D4x45	D5x45	D6x45	D7x45	D8x45
	50	D1x50	D2x50	D3x50	D4x50	D5x50	D6x50	D7x50	D8x50
	55	D1x55	D2x55	D3x55	D4x55	D5x55	D6x55	D7x55	D8x55
	60	D1x60	D2x60	D3x60	D4x60	D5x60	D6x60	D7x60	D8x60
	65	D1x65	D2x65	D3x65	D4x65	D5x65	D6x65	D7x65	D8x65
	70	D1x70	D2x70	D3x70	D4x70	D5x70	D6x70	D7x70	D8x70
	75	D1x75	D2x75	D3x75	D4x75	D5x75	D6x75	D7x75	D8x75
	80	D1x80	D2x80	D3x80	D4x80	D5x80	D6x80	D7x80	D8x80
	85	D1x85	D2x85	D3x85	D4x85	x	x	x	x
	90	D1x90	D2x90	D3x90	D4x90	x	x	x	x
	95	D1x95	D2x95	D3x95	D4x95	x	x	x	x
	100	D1x100	D2x100	D3x100	D4x100	x	x	x	x
	105	D1x105	D2x105	D3x105	D4x105	x	x	x	x
	110	D1x110	D2x110	D3x110	D4x110	x	x	x	x
	115	D1x115	D2x115	D3x115	D4x115	x	x	x	x
	120	D1x120	D2x120	D3x120	D4x120	x	x	x	x
Packaging		180m	80m	54m	40m	32m	27m	25m	22m

⊕ Strips for clipping to 1 à 2mm metal sheet

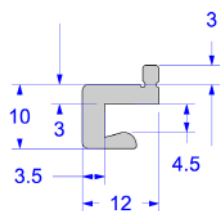


19003
Green HDPE
Packaging: approx .100m

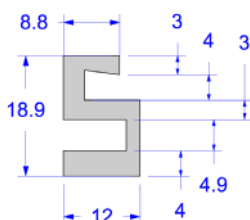


19007
Green HDPE
Packaging: approx .100m

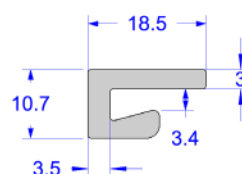
⊕ Profiles for Robur®, Flexmove® and Flextoo® modular conveyors



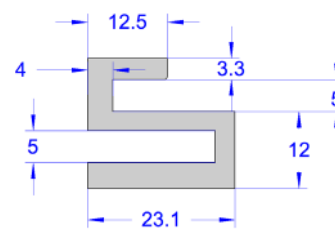
R1 PGR3
White extruded HDPE
in 3m bars



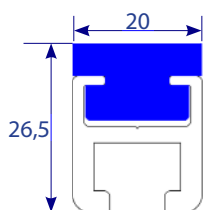
R1 PG-CD
White machined HDPE
in 3m bars



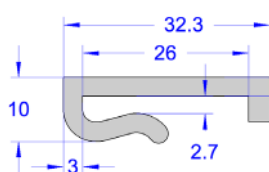
R2 PG
White extruded HDPE
in 3m bars



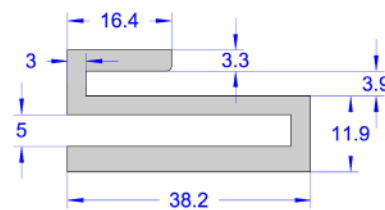
R2 PG-CD
White machined HDPE
in 3m bars



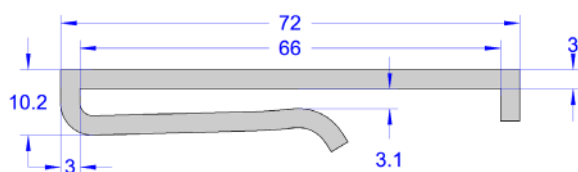
FL5BE (blue)
FL5NE (black)
Extruded HDPE.
Packaging:
Approx. 25m + AC2A8 or C2010
aluminium frame in 3m bars



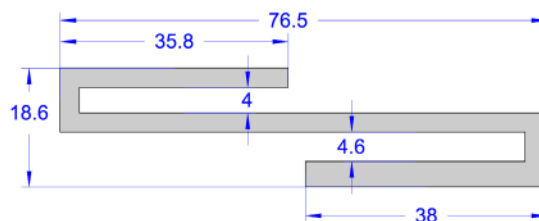
R3 PG
White extruded HDPE
in 3m bars



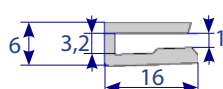
R1 PG-CD
White machined HDPE
in 3m bars



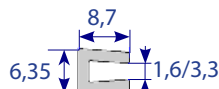
R4 PG
White extruded HDPE
in 3m bars



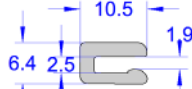
R4 PG-CD
White machined HDPE
in 3m bars



FASR 25BE HDPE lubricated blue
FASR 25 U white HDPE
FASR 25 A black antistatic
FASR 25P natural extruded PVDF
Packaging: approx. 25m



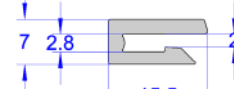
F2 PG
White extruded HDPE
Packaging:
approx. 50m



FASR 25H
Extruded gray PA6+HDPE
Packaging:
approx. 25m



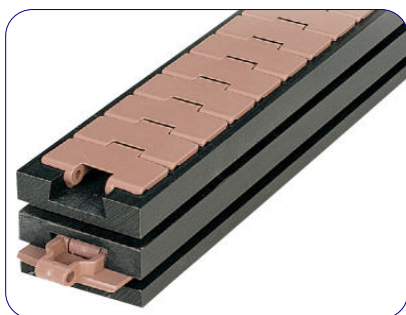
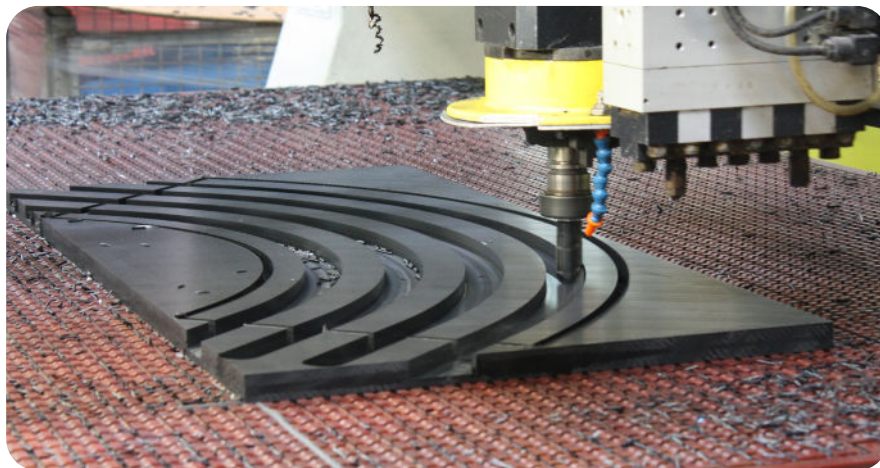
FASR 25K
White extruded HDPE
Packaging:
approx. 25m



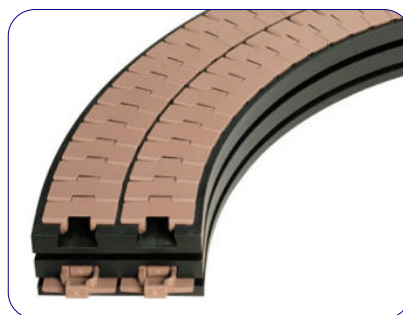
CMSR 25
White extruded HDPE
Packaging:
approx. 25m

Curves and straight profile section for bevel chains

FABER is a manufacturer of standard and customised sliding profiles.
Separate documentation is available on our chains and associated profiles.



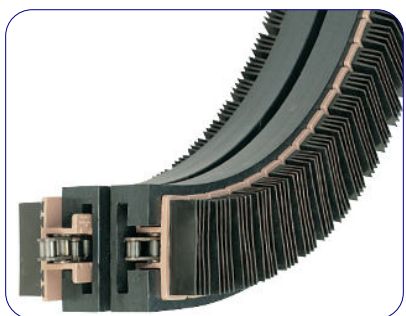
Straight profiles for biflex chains



Curves for biflex chains



Straight and curved profiles for stainless steel chains



Straight and curved profiles for grips chains



Turntables for flex plastic chains



Straight and curved profiles for flex plastic chains



Product guiding by format tools

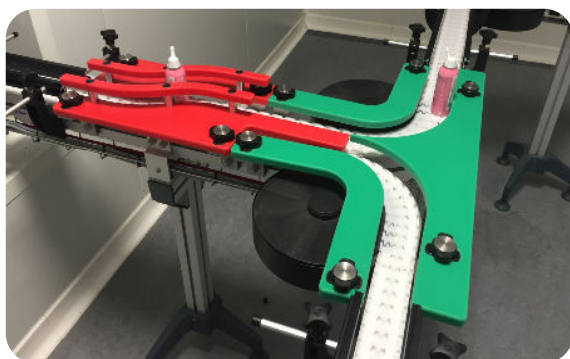
+ Fixed width, rotobloc mountings

Our quick dismantling product guiding system guides your products over all the ranges of conveyors. Its Rotobloc locking system facilitates your changes in format and reduces your intervention time.

The **locking** / **unlocking** works by rotating fixing knobs.

The ROTOBLOC system is also available for your format tools on your packaging machines.

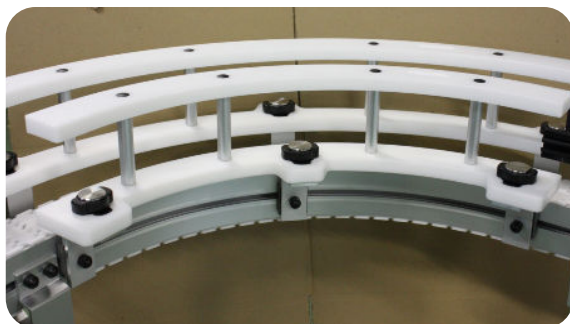
1



3



2



- 1 Curved and side transfer guides
- 2 Curved guides with 2 levels
- 3 2-level format tooling nested on rotating plates
- 4,5,6 Multi-format curved guides

+ Adjustable width

Adjustable width

The bevelled ends and mounting holes allow for adjustment to suit a range of passage widths without changing the guide. Different width ranges can be considered with one or more additional tool sets (picture 6).

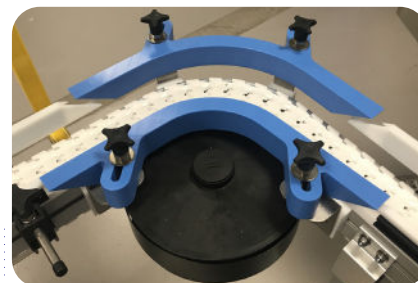
4



5



6

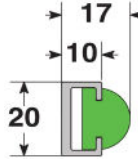
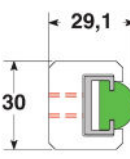
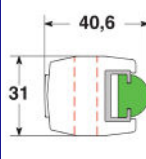
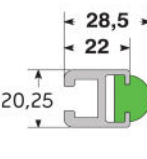
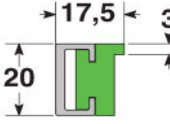
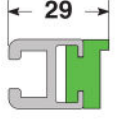
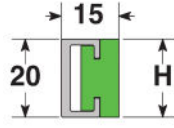
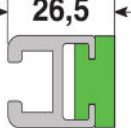
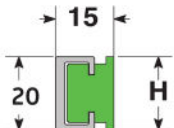
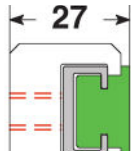
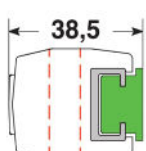
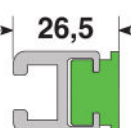
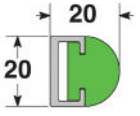


The format parts are designed by our design office. Please do not hesitate to contact us if you have any questions. Different colours* of guides make it possible to match them with the other format tools of the line.

* Available colours :

Black	RAL 1018	RAL 2009	RAL 3009	RAL 3020
White	RAL 4003	RAL 5015	RAL 6024	RAL 7037

Side guide profiles with metal frames

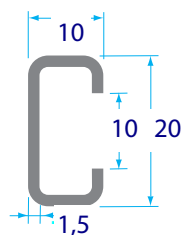
Profiles	H	Contents and profile colours	Packaging	Observations	Frame and clamp (if compatible)			
					Frame : C2010X or C2010Z	Idem + EL60 bracket	Idem + EL92 bracket	Frame : AC2A8 (alu)
FL1		   	3m	Machined				
FL2		 	3m	Machined		X incompatible	X incompatible	
FL5	20	 	approx. 50m	Extruded		X incompatible	X incompatible	
FL5UH30	30	 	3m	Machined				
FL5UH40	40		3m	Machined				
FL5S	20	 	3m	Machined				
FL5SH30	30	 	3m	Machined		X incompatible	X incompatible	
FL8		 	3m	Extruded				

+ Materials of plastic profiles

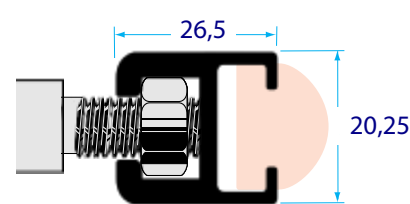
	Natural High Density Polyethylene
	Black High Density Polyethylene
	Red High Density Polyethylene
	Green High Density Polyethylene
	Black Anti-Static High Density Polyethylene
	OV Protect 7 Blue (better slipping)
	PTFE (Teflon®), length 1200mm
	Black High Density Polyethylene Extruded

Other sizes and materials on request

+ Metal frames above

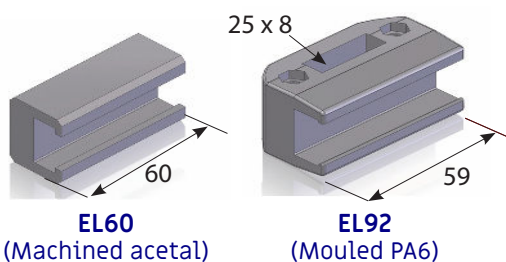


C2010Z (zinc plated steel)
C2010X (stainless steel)
0,49 kg/m



AC2A8
(extruded black anodized aluminium) 0,51 kg/m :
Visserie standard H M8
Black groove cover **CR8N2**
(not represented)

+ Plastic clamps for C2010 above



EL60
(Machined acetal)

EL92
(Moulded PA6)

+ Accessories for AC2A8 above



Fish plate **FBCS 13x50**
Groove cover **CR8N2** (not represented)

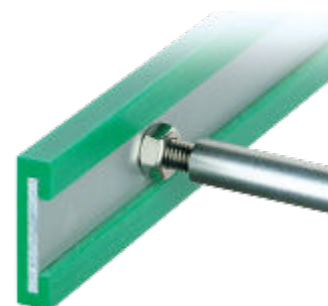
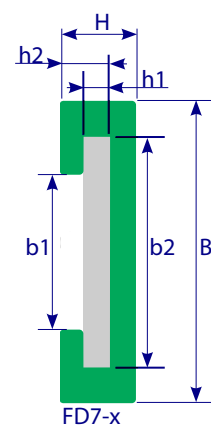
Possibility of brush guides
Height 5 to 120 mm

+ Side guide profiles FD7... for metal strip

Profile							Mild steel strip not supplied Dimensions
Ref.	B	H	b1	b2	h1	h2	
FD 7-1	40	10	20	31	3,5	7	30 x 3
FD 7-2	50	11	30	41	4,5	8	40 x 4
FD 7-3		15			8,5	12	40 x 8
FD 7-4	60	14	40	51	6,5	10	50 x 6
FD 7-5	70		50	61	5,5		60 x 5
FD 7-6	80		60	71			70 x 5
FD 7-7	82	12			3,5	8	70 x 3
FD 7-8	90	15	70	81	5,5	10	80 x 5
FD 7-9					6,5		80 x 6
FD 7-10	110		90	101			

Example of installation :

with threaded pin (to be ordered separately) and steel or stainless steel strip (not supplied).



Materials and colours of the FD7-x profiles



Other sizes and materials on request

+ Side guidance profiles for aluminium frame AT30

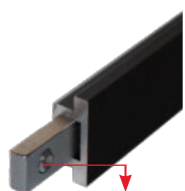
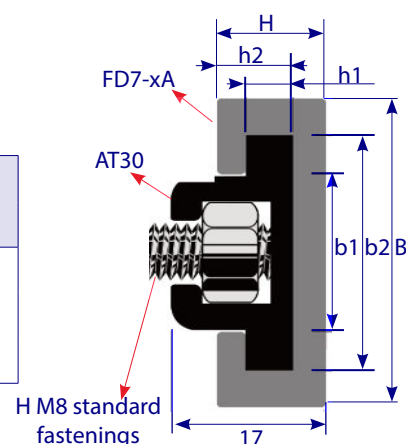
Profile							Frame, black anodised aluminium
Ref.	B	H	b1	b2	h1	h2	
FD 7-1A	N 40	12	20,5	30,5	5,3	8,5	AT 30
FD 7-2A	50						
FD 7-4A	60						

In stock
✓

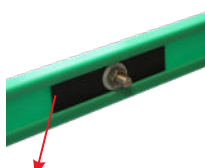
Materials and colours of the FD7-xA profiles



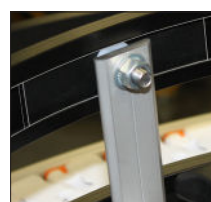
Other sizes and materials on request.



Fish plate **FBCS 13x50**
Groove cover **CR8N2**
(not represented)



Plastic part **FGPR FD100** in black POM for guides FD7-1A... in curves



Stainless steel bar
Ø12

+ Stainless steel Ø12

Reference	Designation	Application
RI12	Stainless steel bar Ø12	Straight or curved side guide

Packaging : 3m bar

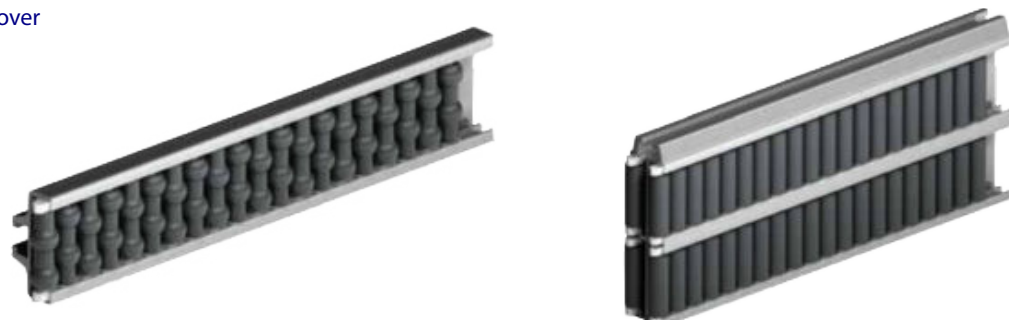
Side guides and intermediate ball and roller guides (aluminium structure)

Balls and rollers pitch 12mm,
Unit length 3m by M8 screws and
fish plates : **FBCS 13x50** & groove cover
CR8G2(not represented).

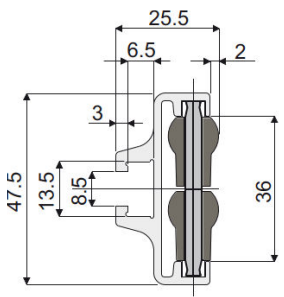
Bends on request.

E.g.: **FGLB 1**
Side ball guide, single height

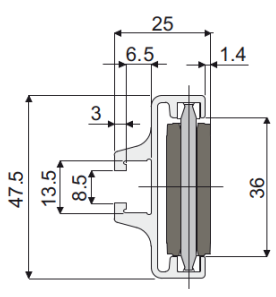
E.g.: **FGCR 2**
Central roller guide,double height



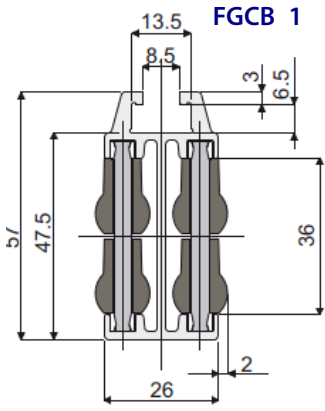
FGLB 1



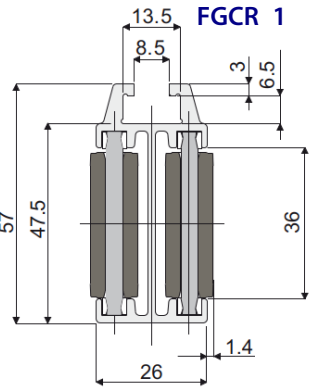
FGLR 1



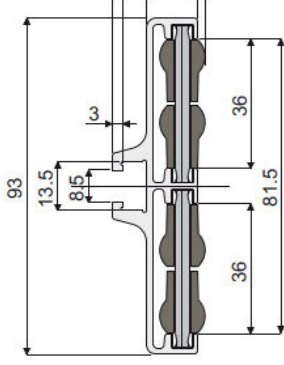
FGCB 1



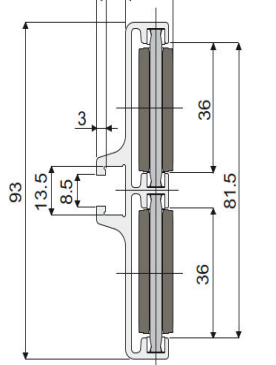
FGCR 1



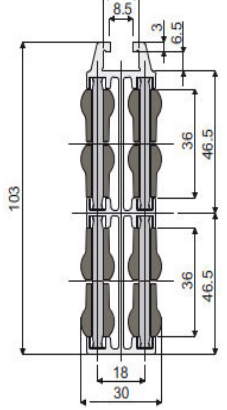
FGLB 2



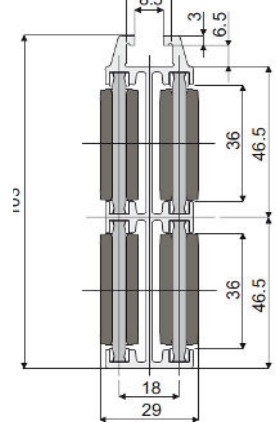
FGLR 2



FGCB 2

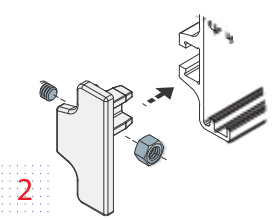
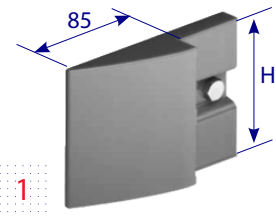
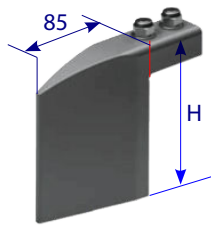


FGCR 2



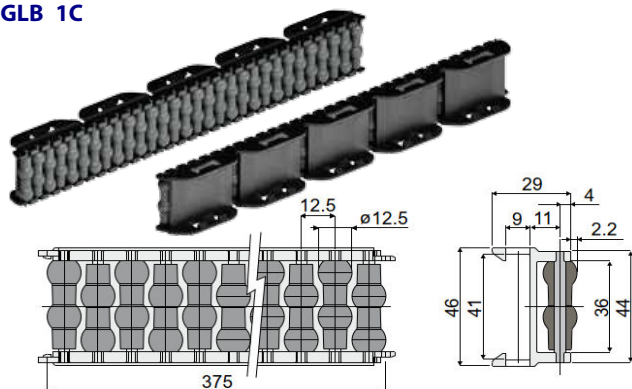
+ Grey PE ends, stainless steel fastenings

Reference	Fig.	H	Can be fitted on
FGEC L1	1	48	FGLB 1 FGLR 1
FGEC L1A	2		
FGEC L2	1	93	FGLR 2 FGLR 2

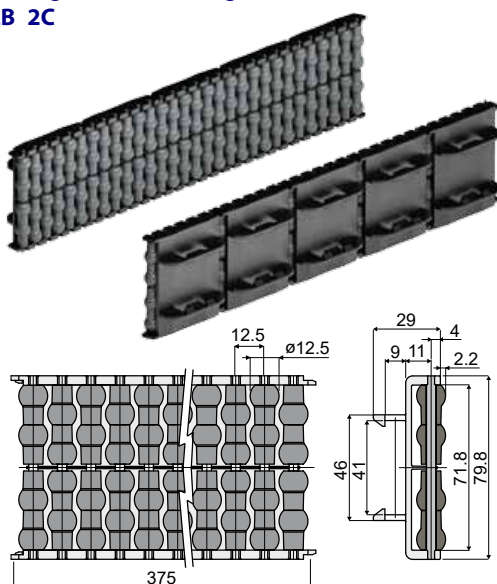


Side formable ball and roller guides (stainless steel frame)

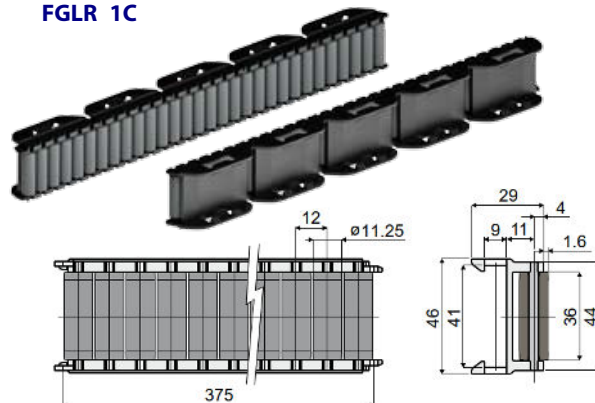
Side ball guide, single height
FGLB 1C



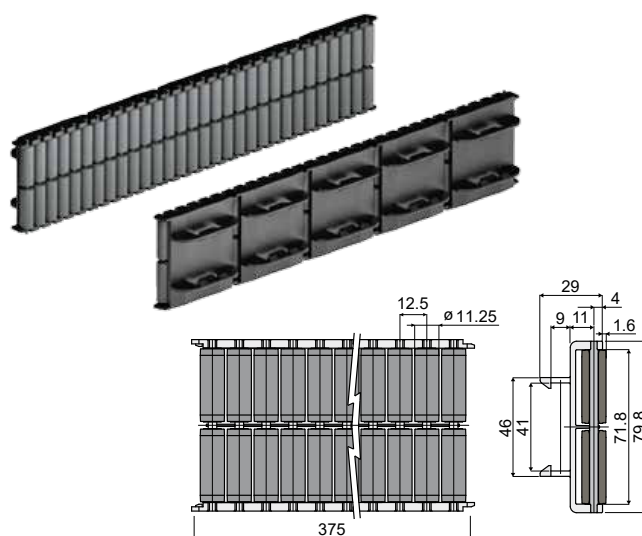
Side ball guide, double height
FGLB 2C



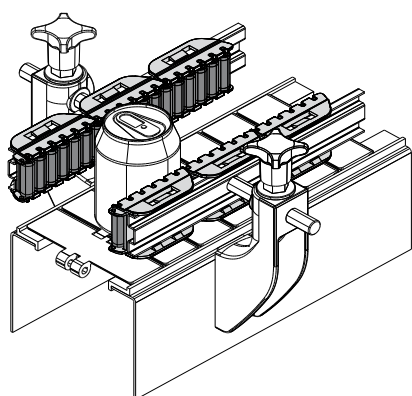
Side roller guide, single height
FGLR 1C



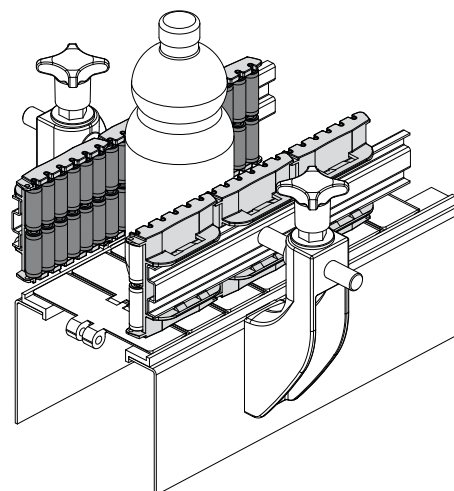
Side roller guide, double height
FGLR 2C



Examples of use

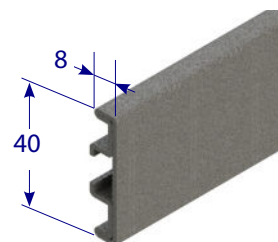


* minimum radi: inside 350mm, outside 500mm



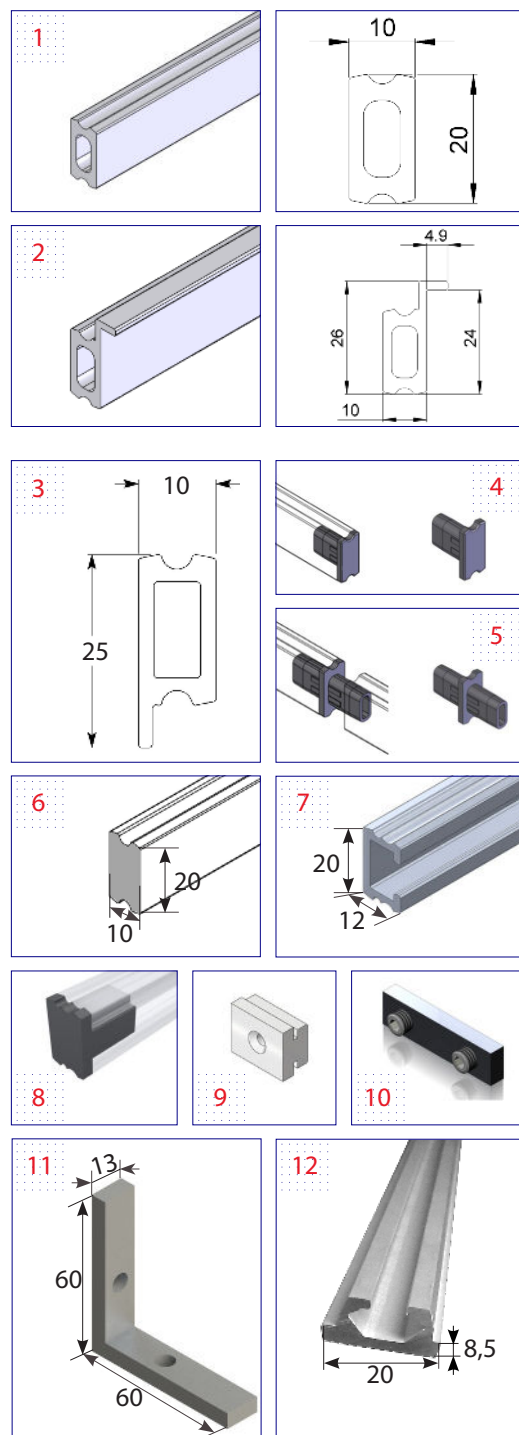
Stainless steel frame for the guides above
FGRRX 3x40x8
can also be used alone as a side guide.

Groove for HM8 HM8 head,
Packaging: bar of 3m



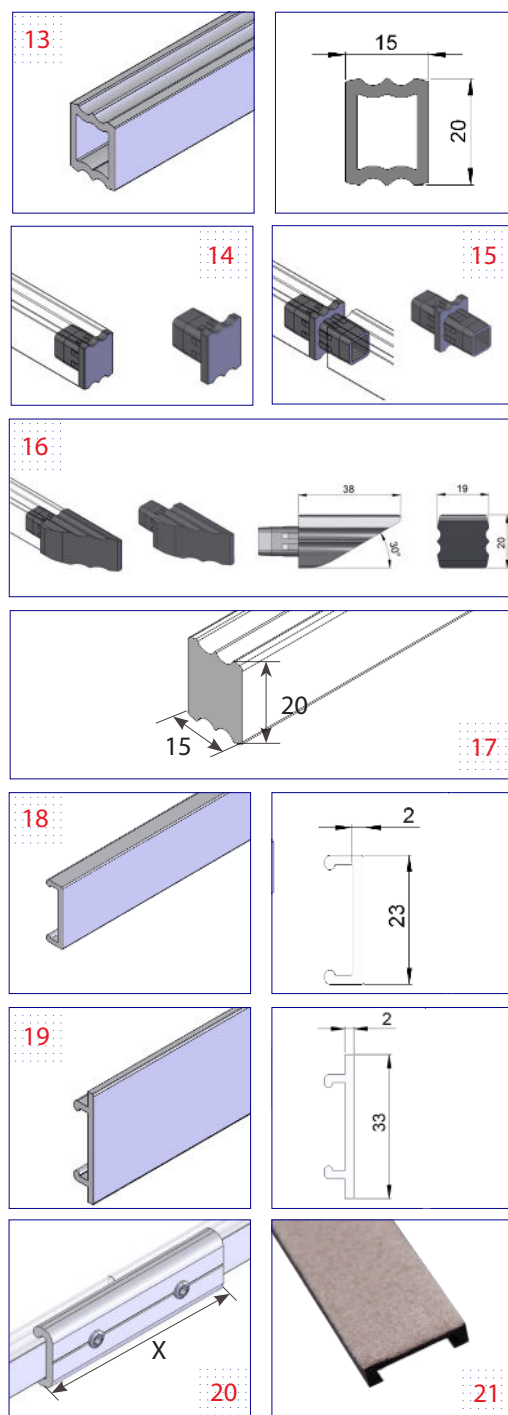
Side guide profiles

Reference / Packaging	Designation / material	Figure	Compatible with		
			Profiles figure ...	Ends figure ...	Fastening
FGRR 3x20x10 3m bar	Natural anodised alu profile	1	X	4 & 5	Brackets FGRA or FGRB
FGRR 3x20x10T 3m bar	Steel profile				
FGRR 3x20x10F 3m bar	Natural anodised alu profile	2	X	4 & 5	
FGRR 3x20x10B 3m bar		3			X
FGEC 10x20	Grey plastic end	4			
FGRJ 10x20	Grey plastic junction	5			
FGRR 3x20x10P 3m bar	Profile for adjustable curves in grey machined PE	6			Brackets FGRA or FGRB
FGRR 3x20x12 3m bar	Natural anodised alu profile	7	18 & 19 (cache rainure CR8G2)	8, 10 & 11	Screws HM8 or FGRR FG25 fig. 9
FGEC 12x20	Grey plastic end	8			
FGRR FG25	Sliding slot for HM8	9			
FBCS 13x50	Splice for slot HM8	10			
FBRX 13	HM8 slot bracket	11			
FURS 3x8 3m bar	Natural anodised alu profile for F45 range	12	18 & 19		<i>please consult us</i>



We recommend placing at least a set of brackets every meter on the straight lengths, and 2 or 3 per curve. For the transfer of heavy products, or 20 x 10 profiles, the intervals can be reduced.

Reference / packaging	Designation / material	Figure	Compatible avec		
			Profiles figure ...	Ends figure ...	Fastening
FGRRF 3x20x15 3m bar	Natural anodised alu profile	13	18 & 19	14, 15 & 16	Brackets FGRA or FGRB
FGEC 15x20	Grey plastic end	14			
FGRJ 15x20	Grey plastic junction	15			
FGEC 30D	Grey plastic sloping end	16			
FGRR 3x20x15P barre de 3m	Profile for adjustable curves in grey machined PE	17			Brackets FGRA or FGRB
Protection profiles in bars of 3m. They prevent wear of the rail and direct contact of the products with the aluminium.					
FGRT 3x23 3m bar	Grey plastic	18			
FGRT 3x23A 3m bar	Antistatic black PEHD				
FGRT 3x33 3m bar	Grey PEHD H=33	19			
FGRT 3x33AN 3m bar	Antistatic black PEHD				
FGRT 3x50 3m bar	Grey PEHD H = 50				
Colourless anodized aluminium fish plates, for joining FGRRF-3x20x15, FGRR 3x20x15P, FGRR 3x20x10, FGRR 3x20x10B, FGRR 3x20x10F, FGRR 3x20x10P and FGRR 3x20x10T Including grub screws.					
FGRC 60	X = 60	20			
FGRC 100	X = 100				
Flocked side guides: Production on request Acetal flocked POM Profiles		21			



Stocks of technical plastic bars & plates in Bazeilles (FR)



Engineering plastics

Plastics materials	Signification
PA	Polyamides
PAI	PolyAmide-Imide
PC	Polycarbonate
PE	Polyéthylènes
PEEK	Polyether-ethercetones
PETP	Polyethylene Téréphtalate
POM	PolyOxyMéthylènes ou Polyacétals
PP	Polypropylene
PTFE	Poly-Tetra-FluorEthylene
PVC	Polychlorure de Vinyle
PVDF	PolyFluorure de Vinylidène /PolyVinylidene Fluoride
Other materials on request	

+ Comparative properties of plastics

Materials properties	PA	PAI	PC	PE	PEEK	PETP	POM	PP	PTFE	PVC	PVDF
Wear resistance	++	+++		=	+++	+++	+	=	-	+	+++
Creep resistance	+	++	++	-	++	+++	+	-	=	++	+++
Dimensional stability (low moisture absorption)	-	+++	+	-	+++	++	+	-	-	+	+++
Coefficient of expansion (mm/m/°C)	0,09	<0,03	0,07	0,20	<0,20	0,07	0,09	0,18	0,13	0,10	0,13
High temperature stability peak limit (°C)	160	260	120	100	310	160	140	100	300	75	150
High temperature stability sustained limit (°C)	70/85	250	120	75	250	110/115	90/115	100	250	50	150
Low temperature stability limit (°C)	-20	-200	-100	-100	-50	-20	-40	-10	-150	-30	-30
Resistance to chemicals	-	+++	-	++	+++		-	++	++++	++++	++
Good sliding properties	++	+++		+++	++	++	+	+	++++	+	
Shock resistance	+++	++	++++	++++	+	-	+	++	++	-	
Transverse electrical insulation	++	++		+++	++	+	+	++	+	-	+++
Exists in food qualities *	✓	-	-	✓	✓	✓	✓	✓	✓	✓	✓
Density (kg/dm³)	1,04/1,3	1,45	1,2	0,95	1,5	1,4	1,4/1,5	0,92	2,3	1,38	1,78
Price	€	€€€	€	€	€€€	€	€	€	€€	€	€€€

Resistance to chemicals	Signification
-	Bad
=	Medium
+	Quite good
++	Good
+++	Very good
++++	Exceptional

* Food grades: depending on the certificates requested when ordering and the colours

It is difficult to specify tolerances for plastic parts in the same way as similar metal parts.

The generally accepted tolerance is 10 quality.

On request we can produce slide profile section and other machined parts from other technical plastic materials.

The table above compares the main characteristics of these materials.

PA (Polyamide)



Characteristics:

- Good impact resistance
- Good dimensional stability
- Resistance to breakage
- Easy forming
- Wide range of colours
- Density: 1,05
- Expansion: 0,1 mm/m/°
- Water absorption: 0,5% /24h



Main applications:

- Protective housings
- Thermoforming parts
- Housings subject to impacts



Product limitations:

- Electrostatic
- Poor weather resistance
- Opaque

Shades / Colours:



Black

Blue

White

PAI (Polyamide-Imide)

Expansion = 0,025mm/m/°



Characteristics:

- Very high maximum allowable operating temperature in air (250°C continuous)
- Outstanding dimensional stability up to 260°C
- Excellent maintenance of mechanical strength, stiffness and creep resistance over a wide temperature range
- Excellent friction and wear behavior
- Very good resistance to UV radiation
- Outstanding resistance to high energy radiation (gamma rays and Xrays)
- Low intrinsic flammability
- Water absorption: 0,3% /24h



Main applications:

- Electrical or high strength applications (Type 4203)
- Friction and wear parts (Type 4301)

Product limitations:

- Relatively high moisture absorption rate; parts operating at high temperatures or manufactured to close tolerances must be stored dry before use. If moisture-laden parts are exposed quickly to temperatures above 205°C, thermal shock may occur, resulting in deformation.



Shades / Colours:

- PAI T4301

Black

- PAI T4203

yellow-ochre



PC (Polycarbonate)



Characteristics:

- Excellent mechanical properties
- Good electrical insulation
- Good dimensional stability
- Self-extinguishing
- Transparent
- Virtually unbreakable
- Density: 1,2 g/cm³
- Water absorption: 0,16 to 0,35% /24h
- Dilatation : 0,07 mm/m/°
- Refractive index: 1,591
- Temperature : -40 to +120°C



Main applications:

- Housing
- Safety glass
- Medical equipment
- Aeronautics
- Parts for the optical field



Product limitations:

- Limited food suitability
- Heat absorption
- Limited chemical resistance



Shades / Colours:

clear

PE (Polyethylenes)

Characteristics:

- Lightweight
- Good chemical resistance (hydrocarbons)
- Excellent impact resistance (practically unbreakable)
- Very low coefficient of friction
- Food safe
- Density: 0,95g/cm³
- Expansion: 0,2 mm/m/°
- 💧 Water absorption: 0 (Hydrophobic)
- Operating temperature: -100 to +75°C

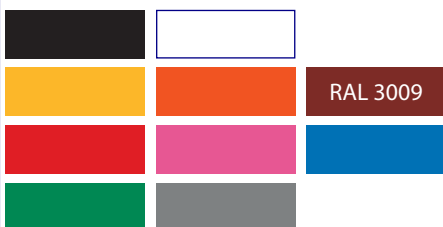
Main applications:

- Guide profil
- Starwheel and screws
- Surgical implants
- Electrical connectors
- Scrapers
- Pads
- Rollers
- Coloured parts

Product limitations:

- Uv sensitivity
- Poor dimensional stability
- Unable to bond
- Attacked by chlorinated and aromatic solvents

Shades / Colours:



PEEK (Polyether-etherketones)

Characteristics:

- Excellent dimensional stability (similar to that of metals)
- Excellent mechanical properties (rigidity, hardness)
- Very good resistance to hydrolysis and cracking
- Antistatic by carbon filler intake
- Self-extinguishing
- Excellent chemical resistance
- Excellent temperature resistance
- Density: 1,31 g/cm³
- Expansion: 0,05 à 0,2 mm/m/° depending on the temperature range
- 💧 Water absorption: approx.0,06 to0,3 % / 24h
- Temperature : -50°C to 240 °C continuously, up to 310°C for short periods

Main applications:

- Aerospace industry
- Nuclear industry
- Gears with tight tolerances
- Cages and balls
- Parts resistant to wear at high temperatures

Product limitations:

- Expensive
- Degradation of physical properties in certain caustic and polar environments

Shades / Colours:



PETP (PolyEthylenes TerePhtalate)

Characteristics::

- High mechanical properties (tensile, fatigue)
- Very good stiffness
- Very high hardness
- Very good dimensional stability
- Low coefficient of friction
- Excellent abrasion resistance
- Very good electrical insulation
- Food grade on request
- Density: 1,34 à 1,4 g/cm³
- Expansion: 0,07 mm/m/°
- 💧 Water absorption: approx.0,16 % / 24h
- Temperature : - 20 °C to + 100°C (above 70°C risk of hydrolysis).

Main applications:

- Rollers
- Pads
- Friction parts for medical and food applications
- Pump components
- Precision engineering parts

Product limitations:

- Water sensitivity
- Limited impact resistance

Shades / Colours:



POM (Polyoxymethylenes or. Polyacetals (PAC))



Characteristics :

High mechanical strength (stiffness, hardness, fatigue):

- Very good dimensional stability high impact resistance
- Good chemical resistance (oil, lubricant)
- Very good electrical insulation
- Low coefficient of friction
- High modulus of elasticity
- Food safe (POM C)
- Density : 1.42
- Expansion : 0.09 mm/m/°
- Water absorption : approx. 0,2% / 24h



Main applications :

- Gears, sprockets, gear wheels
- Cam wheels
- Clip-on parts
- Rollers
- Bearings
- Electrical insulation parts



Product limitations :

- Sensitive to the action of ultraviolet rays
- Non-food safe (POM H)
- Attacked by oxidising acids and strong bases



Shades / Colours:

POM C	black	white
POM H		
POM + PTFE		

PP (Polypropylène)



Characteristics :

- Better mechanical strength than PE
- Excellent bending fatigue properties
- Good temperature resistance
- Good electrical properties
- High chemical resistance
- Non-cracking under load
- Weldable, thermoformable
- Lightweight
- Feasibility
- Density : 0,91
- Expansion : 0,16 mm/m/°
- Water absorption : 0,03 à 0,4% / 24h
- Operating temperature : -10 to +95°C



Main applications :

- Tanks and containers
- Electrical insulation parts
- Plastic sheet metal parts



Product limitations :

- UV-sensitive
- Difficult to bond



Shades / Colours :

PP-	Natural	Ivory
PP-H	Grey	

PTFE (Polytetrafluorethylene)



Characteristics :

- High chemical resistance
- Excellent thermal resistance
- Low constant coefficient of friction
- Non-stick (non-wettable)
- Good resistance to UV and weather
- Feeding properties
- Density : 2,16 g/cm³
- Expansion : 0,1 to 0,16 mm/m/°
- Water absorption : approx. 0,01% / 24h
- Temperature : -150°C to +250°C



Main applications :

- Bearings
- Friction parts
- Seals
- Rings
- Parts with high temperature stress



Product limitations :

- Creep under high mechanical stress
- No bonding
- High density



Shades / Colours :

PTFE Natural	Natural (white)
Glass-filled PTFE	Natural (white)
Carbon-filled PTFE	black
Bronze-filled PTFE	bronze

PVC (PolyChlorure de Vinyle)

Characteristics :

- Good rigidity
- Good dimensional stability
- Good chemical resistance
- Good electrical characteristics
- Self-extinguishing
- Food-safe
- Plastic sheet metal product
- Density : 1,38 g/cm³
- Expansion : 0,075 to 0,1 mm/m/°
- Water absorption : 0,03 to 0,4 % / 24H
- Temperature : -30 to +50/75°C

Main applications :

- Tanks and containers
- Casework
- Parts for boilermaking
- Decoration
- Screen-printed products

Product limitations :

- UV-sensitive
- Fragile at low temperatures
- High density
- Not easy to machine

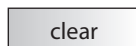
Shades/ Colours

PVC " Rigid "



colors on request sur demande

PVC " Expansé "



PVC " Souple "



PVDF (PolyFluorure de Vinylidene / PolyVinylidene Fluoride)

Characteristics :

- Very good mechanical rigidity
- Good abrasion resistance
- Good chemical and high-energy radiation resistance
- Good weather resistance
- Density : 1,78 g/cm³
- Expansion : 0,13 mm/m/°
- Water absorption : approx.0,04%/ 24h
- Temperature : -30°C to +150°C

Main applications :

- Chemical engineering, piping, fittings, tanks
- Guides parts
- Wire insulation

Product limitations:

- Not resistant to fluorine, polar solvent, ester, sulfuric acid
- High price
- High density

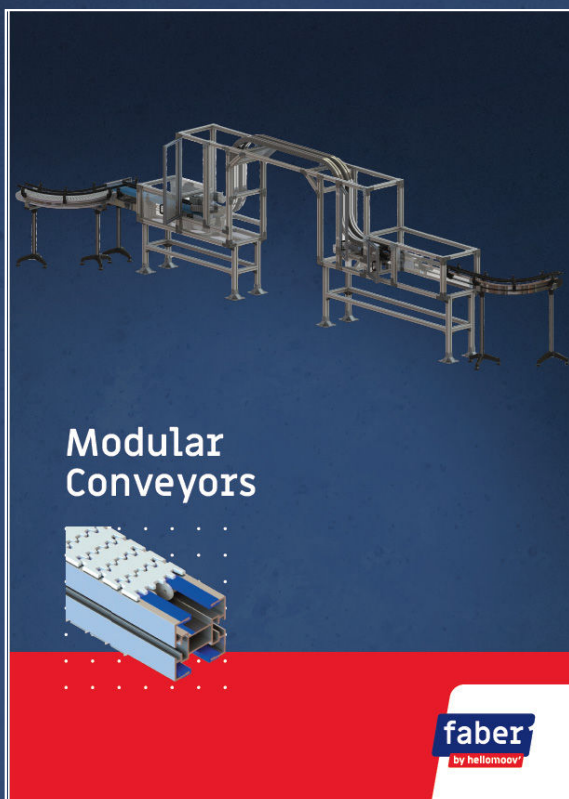
Shades / Colours :

Natural (white)

Other technical materials can be recommended to meet your most demanding technical requirements :

- More mechanical resistance,
- Chemical attack,
- More abrasion resistance,
- Temperature,
- Electrical,
- ATEX,
- Food grade according to EN1935 (to be specified during consultation)

Faber is also



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