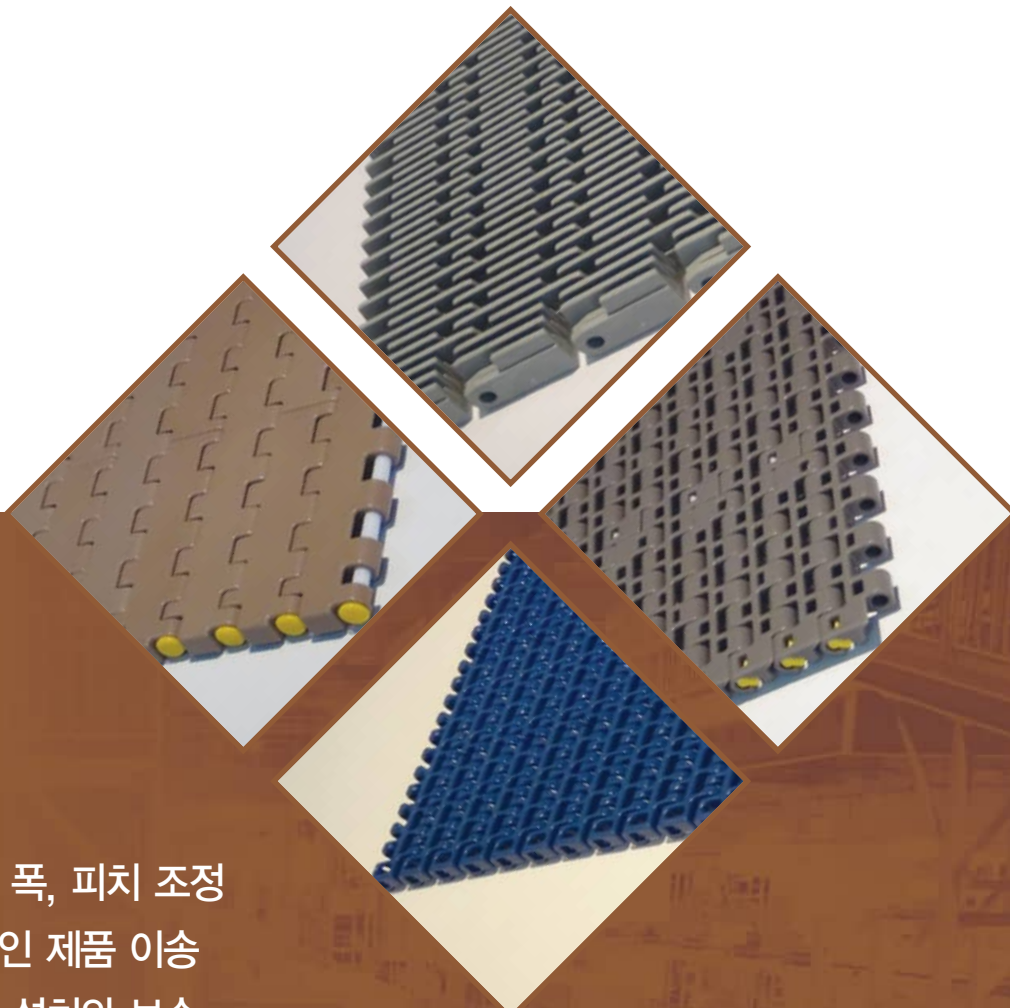


MATTOP CHAINS

- 
- 01 다양한 폭, 피치 조정
 - 02 지속적인 제품 이송
 - 03 간편한 설치와 보수
 - 04 낮은 마모저항

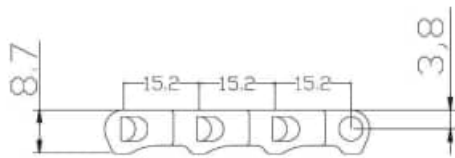
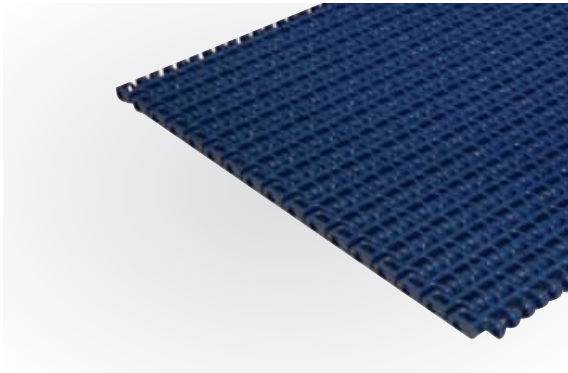
10

PLASTIC MODULAR BELTS

Power Transmission Products & Solutions for Food and Beverage



SERIES 1110 (FIUSH GRID)



Pitch : 16.2mm
Open Area : 28%
Material : Acetal, Polypropylen

Code Nr.	Chain Nr.	Chain Width
4011	1100-K06	152
4012	1100-K12	305
4013	1100-K18	457
4014	1100-K24	610
4015	1100-K30	762
4016	1100-K36	914
4017	1100-K42	1067
4018	1100-K48	1219
4019	1100-K54	1372
4020	1100-K60	1524
4021	1100-K66	1676
4022	1100-K72	1829



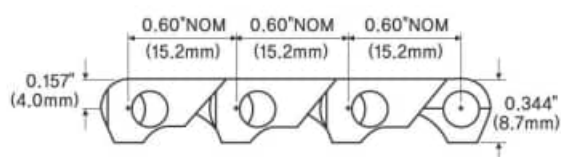
SPROCKET



No. of Teeth (Chordal Addendum)	Nom. Pitch Dia. in	Nom. Pitch Dia. mm	Nom. Outer Dia. in	Nom. Outer Dia. mm	Nom. Hub Width in	Nom. Hub Width mm	Imperial Sizes		Metric Sizes	
							Round in ²	Square in	Round mm ²	Square mm
12 (3.41%)	2.3	58	2.3	58	0.75	19	1.0	1.0	25	25
16 (1.92%)	3.1	79	3.1	79	1.0	25	1-1.25	1.5	25to30	40
18 (1.52%)	3.5	89	3.5	89	0.75	19		1.0 1.5		25 40
20 (1.23%)	3.8	97	3.8	97	1.0	25		1.5		40
24 (0.86%)	4.6	117	4.7	119	1.0	25	1-1.25	1.5 2.5	25to30	40 60
26 (0.73%)	5.1	130	5.1	130	1.0	25	1-1.25	1.5	25to30	40
32 (0.48%)	6.1	155	6.2	157	1.0	25	1-1.25	1.5 2.5	25to30	40 60

PLASTIC MODULAR BELTS

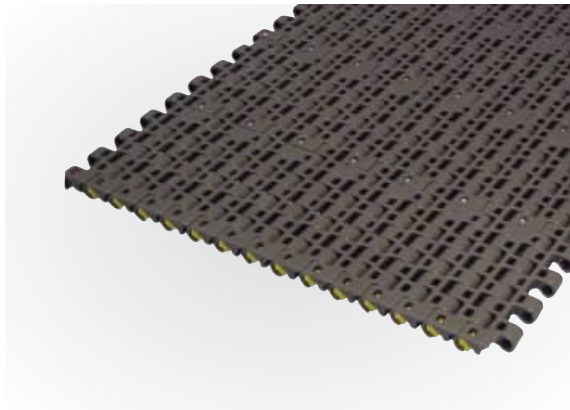
SERIES 1110 (FLAT TOP)



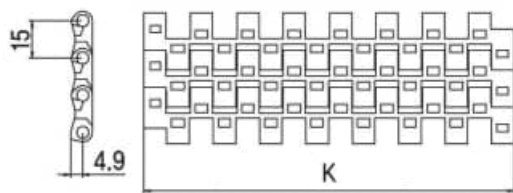
Code Nr.	Chain Nr.	Chain Width
4024	1100-K06	152
4025	1100-K12	305
4026	1100-K18	457
4027	1100-K24	610
4028	1100-K30	762
4029	1100-K36	914

	in	mm
Pitch	0.60	15.2
Minimum Width	3	76
Opening Size(approximate)	1.00	25.4
Open Area	0%	
Hinge Style	Open	
Drive Method	Hinge-driven	
Rod Retention;Rod Type	Occluded edge;unheaded	

SERIES 1500



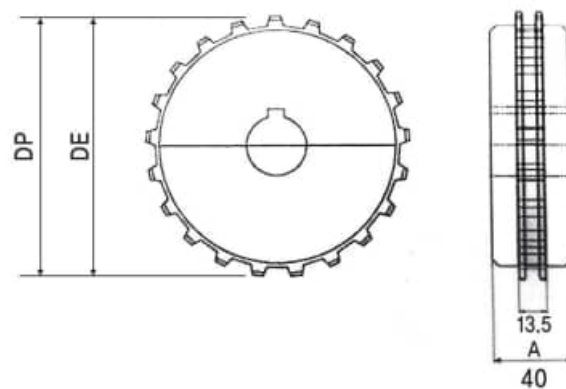
Flush Grid 1506 Imperial Sizes



Pitch : 15mm
Open Area : 26%
Material : Acetal, Polypropylen

Code Nr.	Chain Nr.	Chain Width
4030	1506-K06	152
4031	1506-K12	305
4032	1506-K18	457
4033	1506-K24	610
4034	1506-K30	762
4035	1506-K36	914
4036	1506-K42	1067
4037	1506-K48	1219
4038	1506-K54	1372
4039	1506-K60	1524
4040	1506-K66	1676
4041	1506-K72	1829

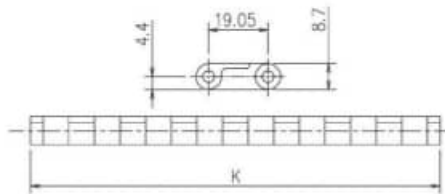
SPROCKET



Nr. of Teeth	Bore DF mm	Pitch Dia. DE mm	Outside Dia. DP mm
21	30~40	129.3	129.5
23	30~40	141.2	129.5
24	30~45	114.9	111.5
32	30~45	153.2	154.9

PLASTIC MODULAR BELTS

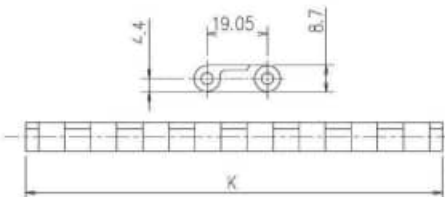
SERIES 5935



Open Area : 5%

Code Nr.	Chain Nr.	Chain Width
4050	5935-K06	152
4051	5935-K12	305
4052	5935-K18	457
4053	5935-K24	610
4054	5935-K30	762
4055	5935-K36	914
4056	5935-K42	1067
4057	5935-K48	1219
4058	5935-K54	1372
4059	5935-K60	1524
4060	5935-K66	1676
4061	5935-K72	1829

SERIES 5936



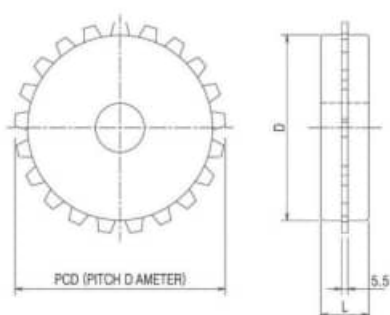
Pitch : 19.05mm
Open Area : 66%
Material : Acetal, Polypropylen

Code Nr.	Chain Nr.	Chain Width
4060	5936-K06	152
4061	5936-K12	305
4062	5936-K18	457
4063	5936-K24	610
4064	5936-K30	762
4065	5936-K36	914
4066	5936-K42	1067
4067	5936-K48	1219
4068	5936-K54	1372
4069	5936-K60	1524
4070	5936-K66	1676
4071	5936-K72	1829

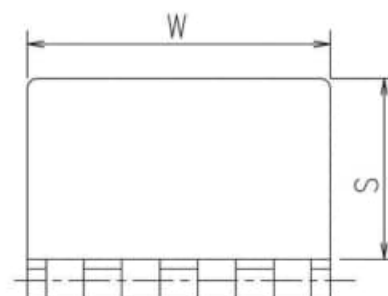
SPROCKET (SERIES 5935)



Nr.of teeth	Bore DF mm	Pitch Dia. DE mm	Outside Dia. DP mm	Code
10	30	62.23	63.5	4072
14	30	85.70	87.0	4073
18	30	114.6	116.0	4074
20	30	123.4	125.0	4075
24	30	147.3	149.0	4076



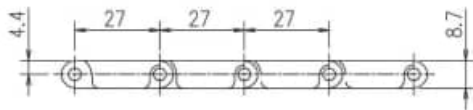
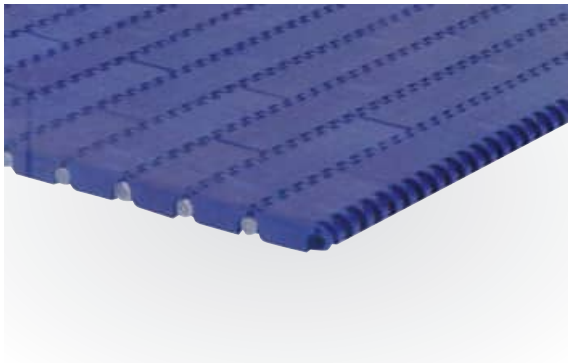
ACCESSORY



Code Nr.	폭(w)	높이(s)
4077	152	25.4

PLASTIC MODULAR BELTS

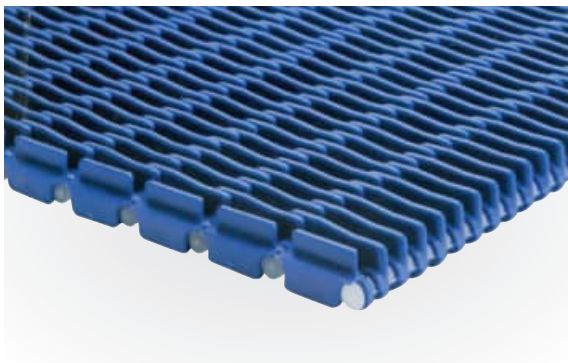
SERIES 900 FT



Open Area : 38%

Code Nr.	Chain Nr.	Chain Width
4081	900-K06	152
4082	900-K12	305
4083	900-K18	457
4084	900-K24	610
4085	900-K30	762
4086	900-K36	914
4087	900-K42	1067
4088	900-K48	1219
4089	900-K54	1372
4090	900-K60	1524
4091	900-K66	1676
4092	900-K72	1829

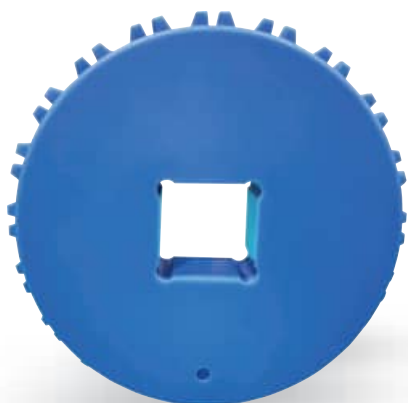
SERIES 900 RR



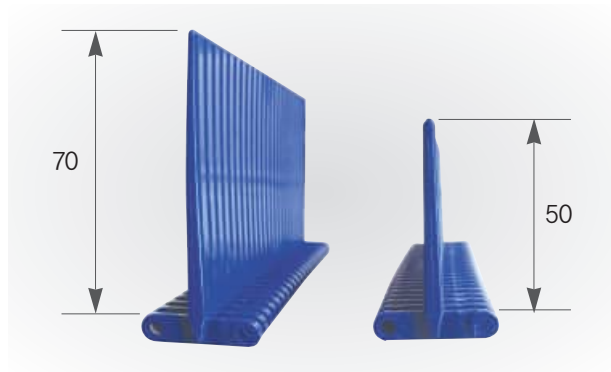
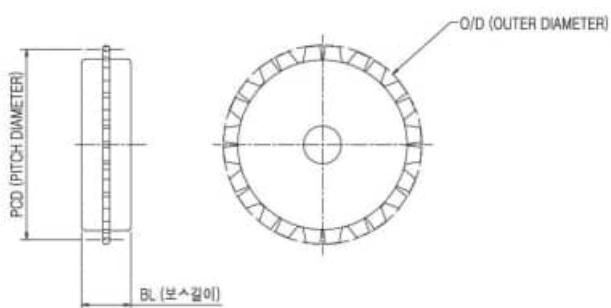
Pitch : 27.2mm Open Area : 38%
Material : Acetal, Polypropylen
Color : Gray, Blue

Code Nr.	Chain Nr.	Chain Width
4093	5936-K06	152
4094	5936-K12	305
4095	5936-K18	457
4096	5936-K24	610
4097	5936-K30	762
4098	5936-K36	914
4099	5936-K42	1067
4100	5936-K48	1219
4101	5936-K54	1372
4102	5936-K60	1524
4103	5936-K66	1676
4104	5936-K72	1829

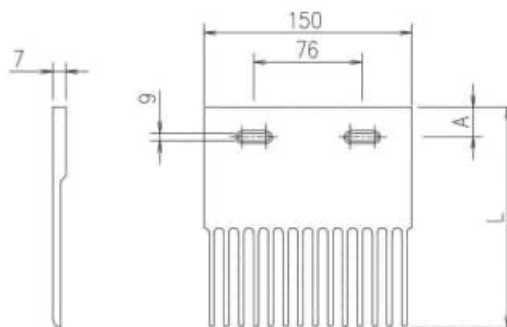
SPROCKET (SERIES 900)



Nr.of teeth	Bore DF mm	SQ	Pitch Dia. DE mm	Outside Dia. DP mm	Code
6		25	53.3	56.30	4105
9	25	40	78.7	81.0	4106
10		40	88.9	91.0	4107
12	25~40	40	104.1	109.0	4108
17	30~40		147.3	150.0	4109
18	50~55	60	154.9	160.0	4110



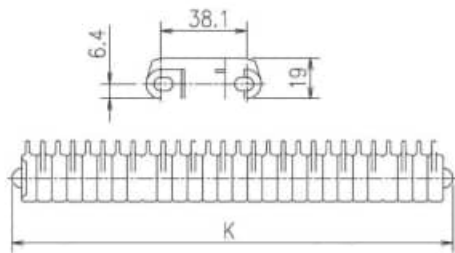
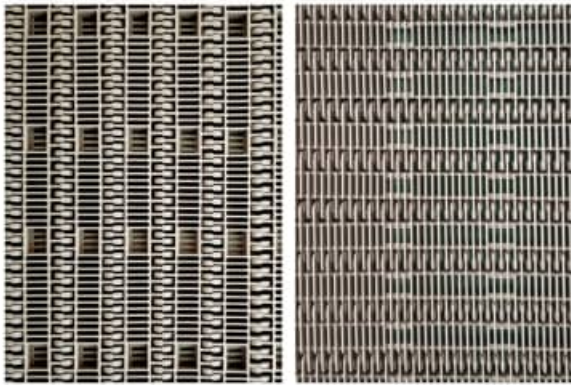
ACCESSORY



Code Nr.	폭(w)	높이(s)
4111	164	51

PLASTIC MODULAR BELTS

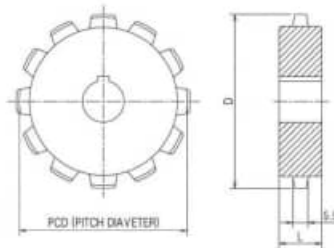
SERIES 4803



Pitch : 38.1mm Open Area : 38%
Material : Acetal, Polypropylen
Color : Brown, Beige

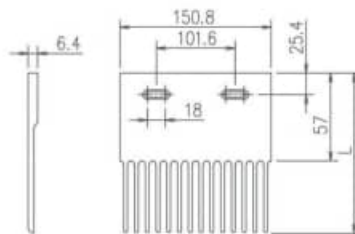
Code Nr.	Chain Nr.	Chain Width
4112	4803-K06	152
4113	4803-K12	305
4114	4803-K18	457
4115	4803-K24	610
4116	4803-K30	762
4117	4803-K36	914
4118	4803-K42	1067
4119	4803-K48	1219
4120	4803-K54	1372
4121	4803-K60	1524
4122	4803-K66	1676
4123	4803-K72	1829

SPROCKET



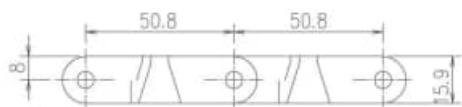
Code	잇수	Pitch Dia. mm	Oute Dia. mm	Boss폭 (L) mm
4124	12	147.21	147.2	47.8

FINGER PLATE 4803



Code	플레이트길이 (L)	길이 (A)
4125	154	25.4

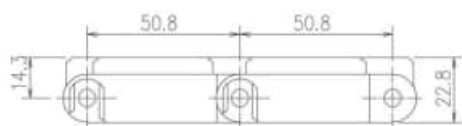
SERIES 400 FG



Open Area : 38%

Code Nr.	Chain Nr.	Chain Width
4131	400-K06	152
4132	400-K12	305
4133	400-K18	457
4134	400-K24	610
4135	400-K30	762
4136	400-K36	914
4137	400-K42	1067
4138	400-K48	1219
4139	400-K54	1372
4140	400-K60	1524
4141	400-K66	1676
4142	400-K72	1829

SERIES 400 RR



Pitch : 50.8mm Open Area : 25%
Material : Polypropylen
Color : Gray

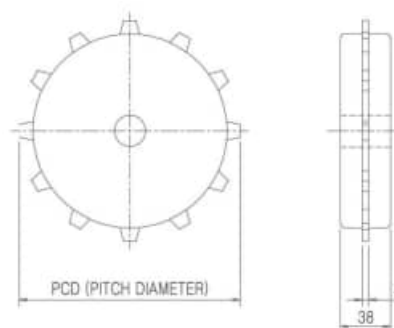
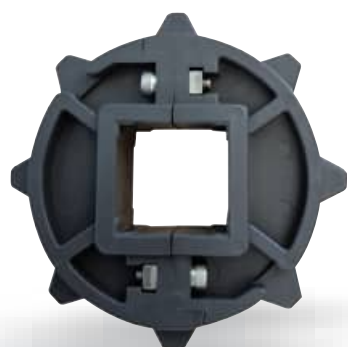
Code Nr.	Chain Nr.	Chain Width
4143	400-K06	152
4144	400-K12	305
4145	400-K18	457
4146	400-K24	610
4147	400-K30	762
4148	400-K36	914
4149	400-K42	1067
4150	400-K48	1219
4151	400-K54	1372
4152	400-K60	1524
4153	400-K66	1676
4154	400-K72	1829

PLASTIC MODULAR BELTS

SERIES 400



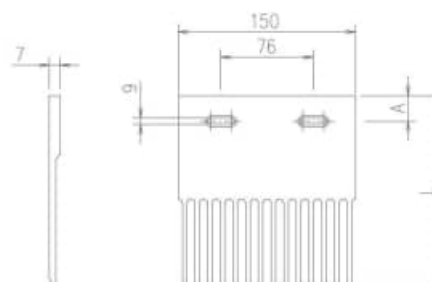
Nr.of teeth	Bore DF mm	SQ	Pitch Dia. DE mm	Outside Dia. DP mm	Code
6		40	101.6	91.0	4155
8		60	132.1	127.0	4156
10	30~40	60	162.6	160.0	4157
12		60	198.1	196.0	4158
16		60	258.5	259.0	4159



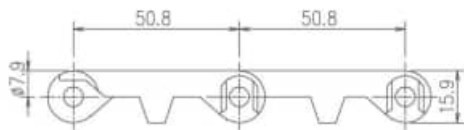
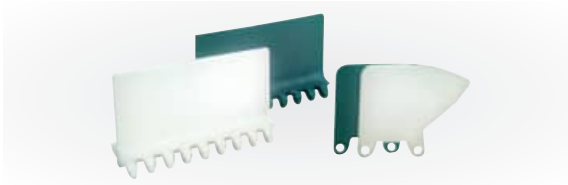
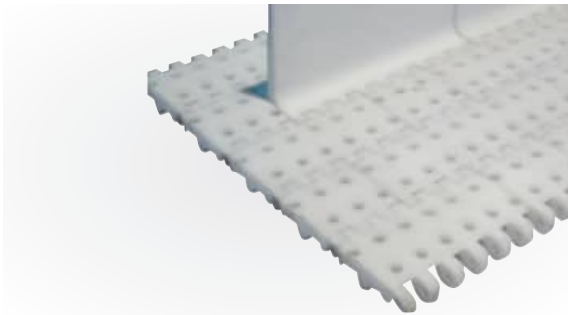
FINGER PLATE 400



Code	플레이트길이 (L)	길이 (A)
4160	194	51



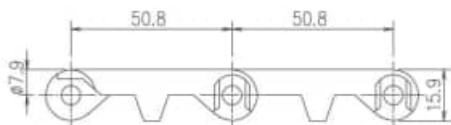
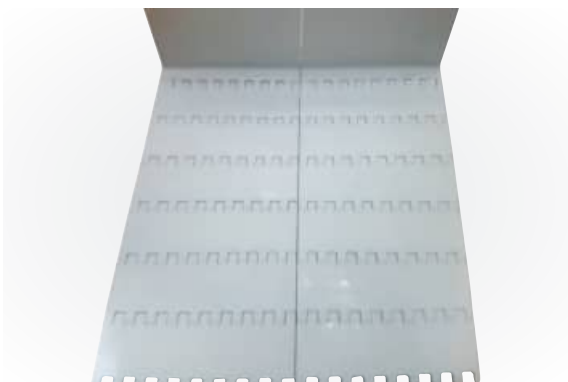
SERIES 800 FT ROUND HOLES



Open Area : 14%

Code Nr.	Chain Nr.	Chain Width
4165	800-K06	152
4166	800-K12	305
4167	800-K18	457
4168	800-K24	610
4169	800-K30	762
4170	800-K36	914
4171	800-K42	1067
4172	800-K48	1219
4173	800-K54	1372
4174	800-K60	1524
4175	800-K66	1676
4176	800-K72	1829

SERIES 800 FT



Pitch : 50.8mm Open Area : 0%
Material : Polypropylen
Color : White

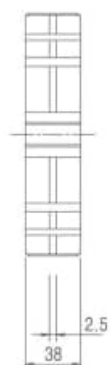
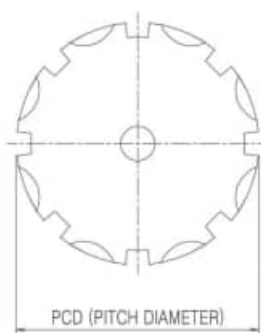
Code Nr.	Chain Nr.	Chain Width
4177	800-K06	152
4178	800-K12	305
4179	800-K18	457
4180	800-K24	610
4181	800-K30	762
4182	800-K36	914
4183	800-K42	1067
4184	800-K48	1219
4185	800-K54	1372
4186	800-K60	1524
4187	800-K66	1676
4188	800-K72	1829

PLASTIC MODULAR BELTS

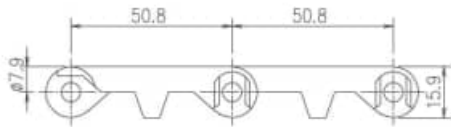
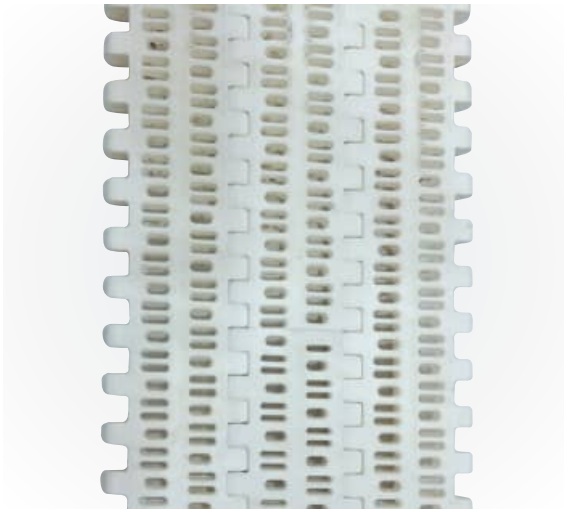
SPROCKET



Nr.of teeth	Bore DF mm	SQ	Pitch Dia. DE mm	Outside Dia. DP mm	Code
6		40	101.6	91.0	4189
8		60	132.1	127.0	4190
10	30~40	60	162.6	160.0	4191
12		60	198.1	196.0	4192
			256.5	259.0	4192



SERIES 800 (PERTORATED FLAT TOP)



Pitch : 50.8mm Open Area : 27%
Material : Polypropylen
Color : Gray

Code Nr.	Chain Nr.	Chain Width
4200	800-K06	152
4201	800-K12	305
4202	800-K18	457
4203	800-K24	610
4204	800-K30	762
4205	800-K36	914
4206	800-K42	1067
4207	800-K48	1219
4208	800-K54	1372
4209	800-K60	1524
4210	800-K66	1676
4211	800-K72	1829

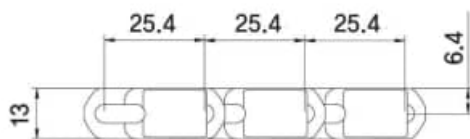
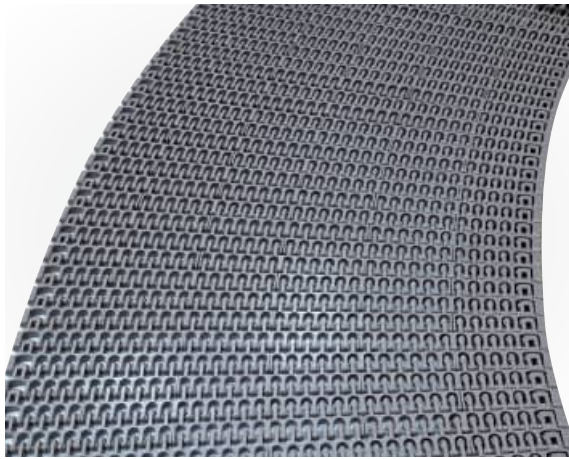
SERIES 800



No. of Teeth (Chordal Action)	Nom. Pitch Dia. in	Nom. Pitch Dia. mm	Nom. Outer Dia. in	Nom. Outer Dia. mm	Nom. Hub Width in	Nom. Hub Width mm	Available Bore Sizes			
							U.S. Sizes		Metric Sizes	
							Round in	Square in	Round mm	Square mm
6	4.0	102	3.8	97	1.5	38	1.0	1.5	30	40
8	5.2	132	5.0	127	1.5	38	1.0	1.5	30	40
10	6.5	165	6.2	157	1.5	38		1.5		40
12	7.7	196	7.5	191	1.5	38		1.5		40
16	10.3	262	10.1	257	1.5	38		1.5		40

PLASTIC MODULAR BELTS

KVP 1000 CURVE BELTING

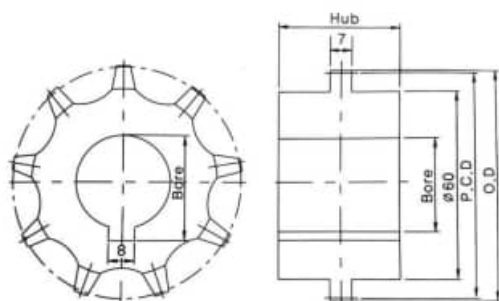


Code Nr.	Chain Nr.	Chain Width
4230	2400-K06	152
4231	2400-K12	305
4232	2400-K18	457
4233	2400-K24	610
4234	2400-K30	762
4235	2400-K36	914
4236	2400-K42	1067
4237	2400-K48	1219
4238	2400-K54	1372
4239	2400-K60	1524
4230	2400-K66	1676

SPROCKET - NET TOP CHAIN K- CURVE

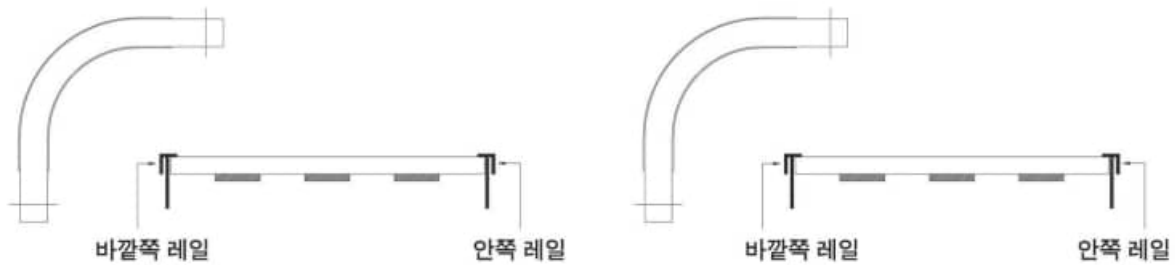


Nr.of teeth	Bore DF mm	Pitch Dia. DE mm	Outside Dia. DP mm	Code
12	40SQ	99	102	4241
16	40SQ	130	132	4242



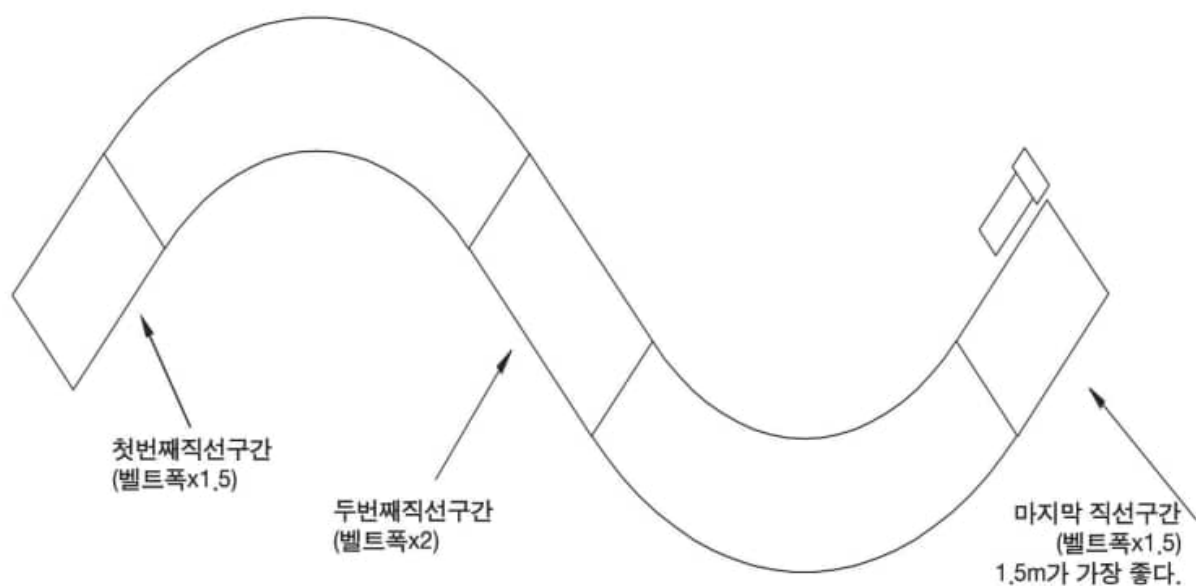
K-CURVE SPROCKET

SERIES 2400의 RAIL과 WEAVSTRIP



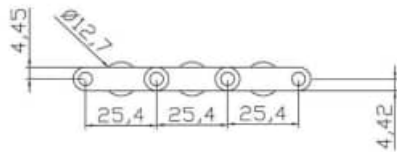
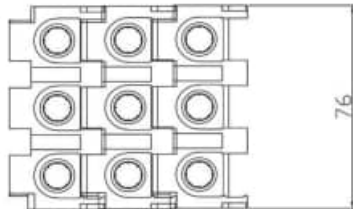
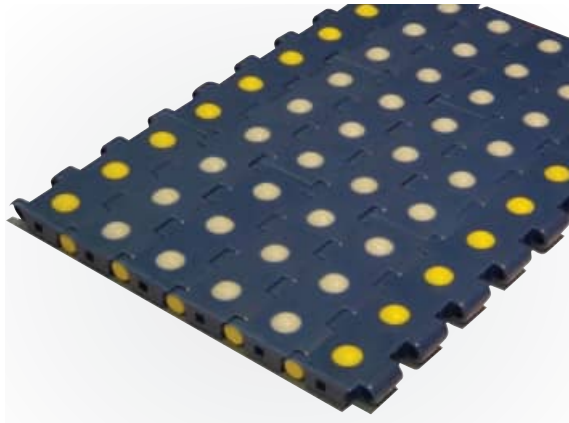
SERIES 2400의 설계요약

- A. Series 2400의 최소 회전반경은 벨트폭의 2.2배이다
- B. 반대쪽 곡선방향 사이의 최소직선구간은 벨트폭의 2배이다.
직선구간이 짧으면 Guide rail의 마모가 크고 벨트에 큰 부하가 집중된다.
- D. 마지막 직선구간은 벨트폭의 1.5배이다.
직선구간이 짧으면 스프로킷의 마모가 심해지고 Jump-up 현상이 일어난다.
1.5m가 가장 좋다.
- E. 첫번째 직선구간은 벨트폭의 1.5배이다.



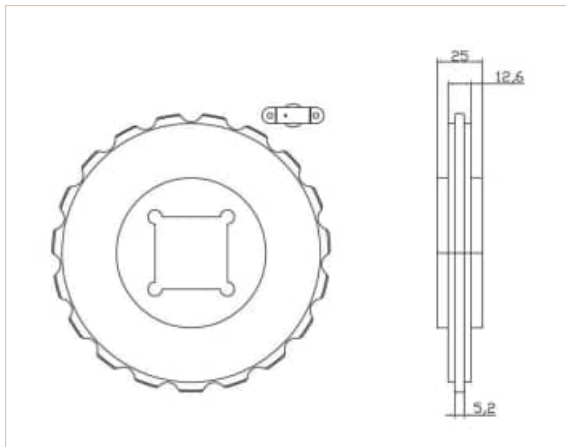
PLASTIC MODULAR BELTS

SERIES 3500 RT



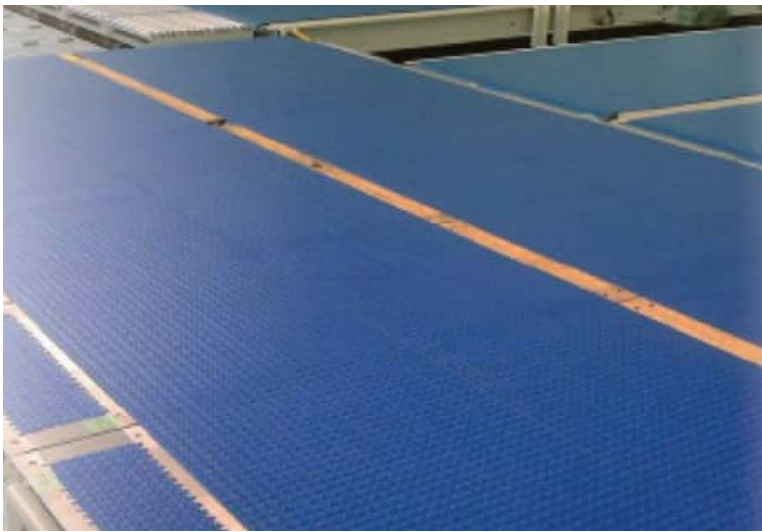
Code Nr.	Belts ref.	Chain Width/mm
4300	3500-3AT	76
4301	3500-9AT	229
4302	3500-15AT	381
4303	3500-21AT	553
4304	3500-27AT	686
4305	3500-33AT	838
4306	3500-39AT	991
4307	3500-45AT	1143
4308	3500-51AT	1295

SPROCKET



Code Nr.	Belts ref.	Chain Width/mm
7	59.4	30
8	56.7	30
10	82.5	40X40
12	98.6	40X40
15	122.7	40X40
16	130.8	40X60
18	146.9	40X60

3500RT는 Pitch 1", 두께 8.7mm인 플라스틱 벨트이다.
이 디자인은 제품을 원하는 어떠한 방향을 자유롭게 움직일 수 있다.
또한 부드럽고 효과적으로 제품을 원하는 곳에 위치할 수 있다.

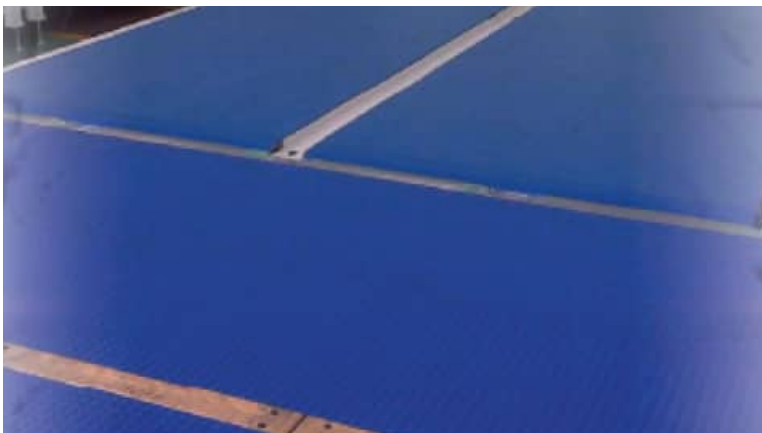


재질

Module은 Acetal이고 높은 강도와 저마찰계수를 가지고 있고 Ball은 높은 내구성과 마모저항을 가진 Polyamide이다.

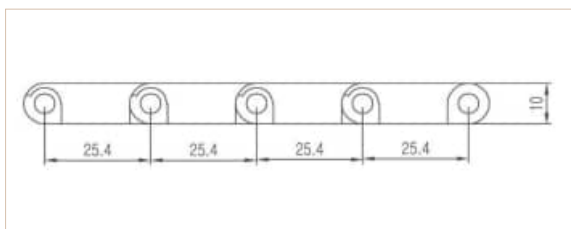
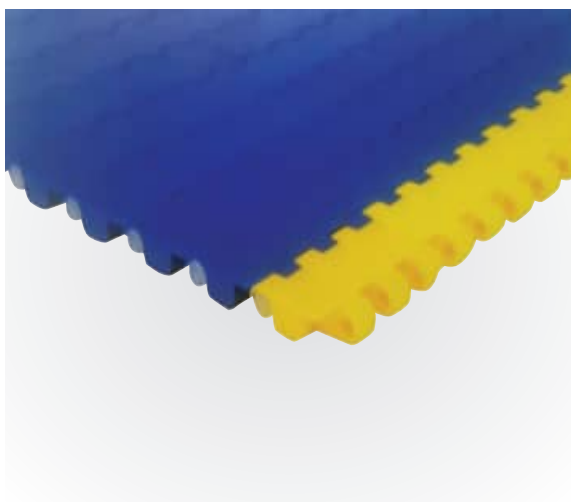
품질

모든 제품을 완벽하게 이송할 수 있는 Conveyor System이라 최대한 높은 효율을 가지고 있다.



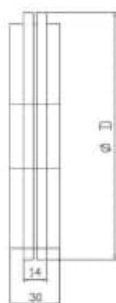
PLASTIC MODULAR BELTS

NET TOP CHAIN SERIES M2500



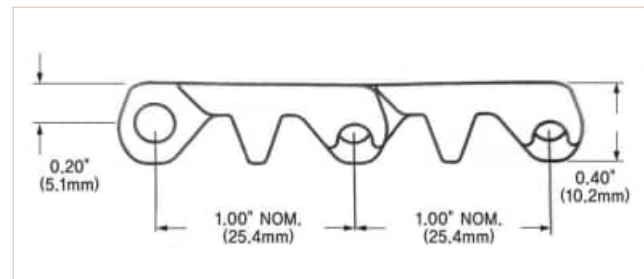
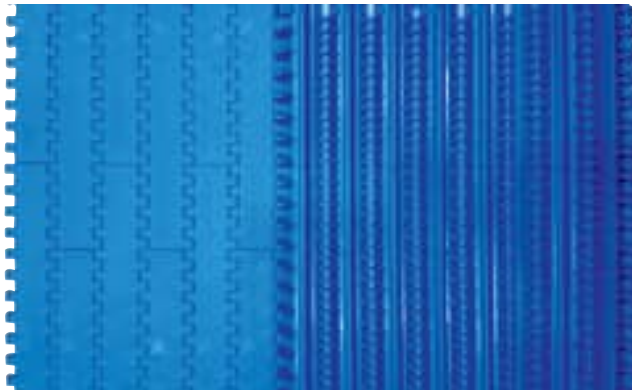
Code Nr.	Inch	Width
4310	2	50
4311	4	100
4312	6	150
4313	8	200
4314	10	250
4315	12	300
4316	14	350
4317	16	400
4318	18	450
4319	20	500
4320	22	550
4321	24	600
4322	26	650
4323	28	700

SPROCKET-NET TOP CHAIN M2500



T	D	S
7	59.4	30
8	56.7	30
10	82.5	40X40
12	98.6	40X40
15	122.7	40X40
16	130.8	40X60
18	146.9	40X60
20	163.0	40X60

SERIES 1600



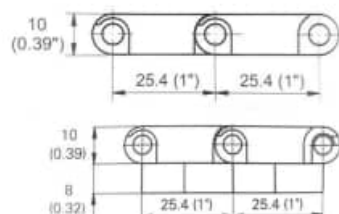
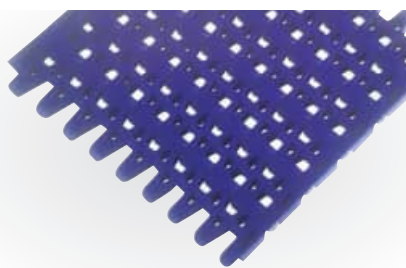
Belt Material	Standard Rod Material Ø0.18 in. (4.6mm)	BS	Belt Strength	Temperature Range (continuous)		W	Belt Strength	Agency Acceptability ^a 1=White, 2=Blue, 3=Natural, 4=Grey							
				lb/ft	kg/m			° F	° C	lb/ft	kg/m ²	FDA (USA)	USDA Dairy ^b	CFA ^c	A ^d
polypropylene	Plypropylene	700	1040	34 to 220	1 to 104	1.05	5.13	·	1				3		·
polypropylene	Plypropylene	350	520	-50 to 150	-46 to 66	1.10	5.37	·	3				3		·
acetal	Plypropylene	1400	2100	34 to 200	1 to 93	1.58	7.71	·	1				3		·
acetal	Polyethylene ^h	1000	1490	-50 to 150	-46 to 66	1.58	7.71	·	1				3		·



SPROCKET (1600)

No. of Teeth (Chordal Action)	Nom Pitch Dia. in.	Nom Pitch Dia. mm	Nom Outer Dia. in.	Nom Outer Dia. mm	Nom Hub Width in.	Nom Hub Width mm	Available Bore Sizes			
							U.S. Size		Metric Sizes	
							Round in. ^b	Square in.	Round mm ^b	Square mm
6	2.0	51	1.8	46	1.0	25	1.0		25	
10	3.2	81	3.2	81	1.0	25	1.0	1.25	25	40
12	3.9	99	3.8	97	1.0	25		1.5		40
20	6.4	163	6.4	163	1.0	25		1.5		40

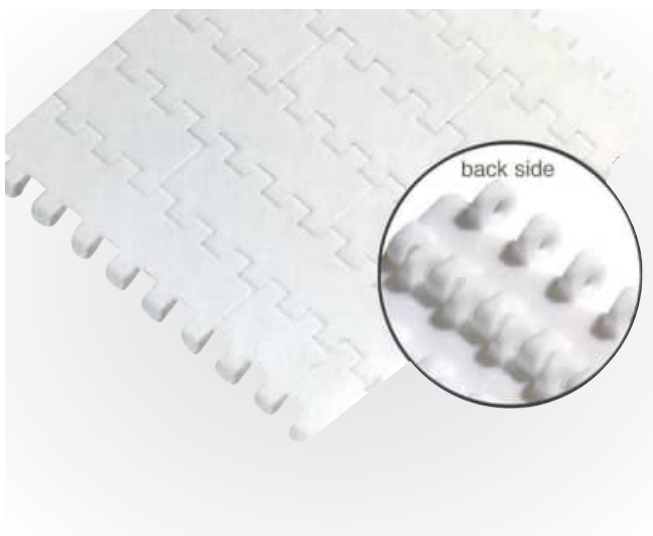
M2533 FLUSH GRID 1"



Belt material	PP	PE	POM	PA + US	PA
Rod material	PP	PE	PP	PA	
Nominal tensile strength F_N^2	N/m 14000	8000	18000	24700	20000
straight run	lb/ft 959	548	1233	1692	1370
Temperature range	°C 5~105	-70~65	5~93	-40~93	-46~118
	°F 40~220	-94~150	40~200	-40~200	-50~245
Temperature maximum (short-term)	°C				135
	°F				275
Belt weight m_8	kg/m² 4.6	5.1	7.1	7.1	5.6
	lb/sqft 0.94	1.04	1.45	1.45	1.15

PLASTIC MODULAR BELTS

PRODUCT DATA SERIES M2500, M2510 FLAT TOP 1"

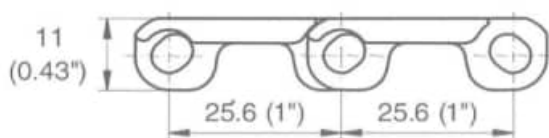


Description

- 0% open area
- Open hinge, easy to clean
- Food approved materials see pages 9-12
- Rod diameter 5mm (0.2")
- "Open window" sprockets

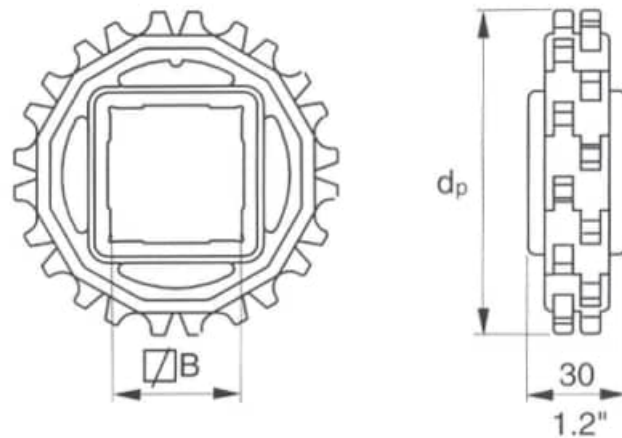
Available accessories

- Flights
- Side guards
- hold down devices



Belt material		Polypropylene		Polyacetal	
Standard rod material		PP	PE	PP	PA
Nominal tensile strength [F _N]	N/m	14'000	8'000	16'000	20'000
	lb/ft	959	548	1'096	1'370
Temperature range	°C	5~105	-70~65	5~90	-40~90
	°F	40~220	-94~150	40~195	-40~195
Belt weight [m _s]	kg/m ²	4.9	5.2	7.3	7.3
	lb/sqft	1.00	1.05	1.49	1.49
Coef ficient of friction belt to support [μ _G]	UHMW PE	0.13	0.25	0.10	0.10
	HDPE	0.11	-	0.08	0.08
	PA6, PA66	0.30	0.23	0.20	0.20
	Lubricated PA	0.13	0.12	0.11	0.11
	Steel	0.25	0.14	0.14	0.14
Goef ficient of friction belt to doods [μ _G]	Glass	0.19	0.10	0.15	0.15
	Steel	0.32	0.13	0.20	0.20
	Plastic(PET)	0.17	0.10	0.18	0.18
	Cardboard	0.22	0.15	0.20	0.20

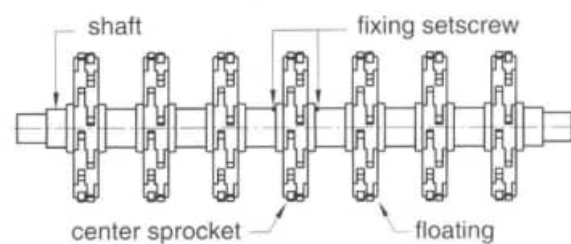
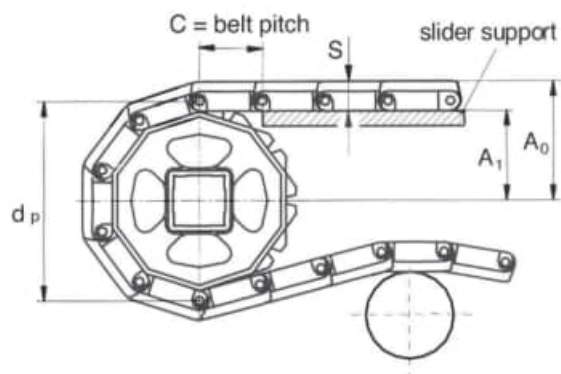
PRODUCK DATA SERIES M2500 / SPROCKET DATA SERIES M2500



Example : M2531240Q

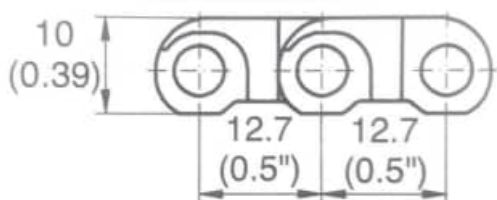
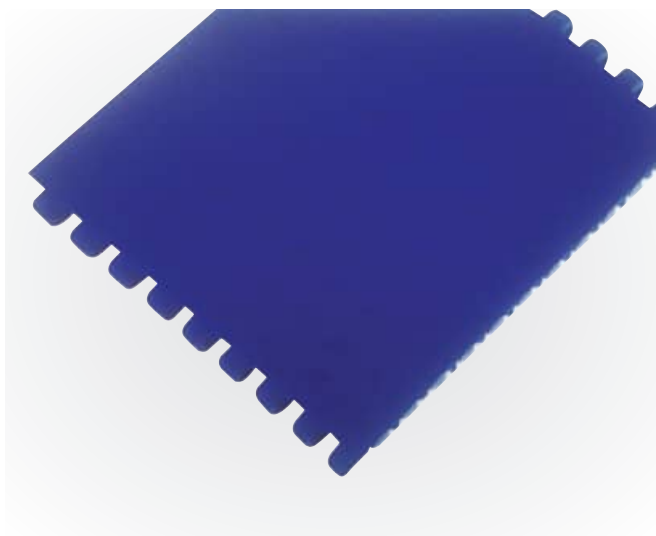
Exceptional sprocket width for M25S07 is 20mm

Nr. of teeth	Pitch Dia. DE mm	A mm	Molded sprockets(M25Sxx)		Split sprockets(M25Zxx)
			Square bore Q	Round bore R	Square bore
			mm	mm	mm
07	59.4	24.7	25	-	-
08	66.7	28.3	25	30	-
10	82.5	36.3	40	30	-
12	98.6	44.3	40	30/40	40
18	146.9	68.4	40/60	30	40/60
20	163.0	76.5	40/60	30	40



PLASTIC MODULAR BELTS

M1220 FLAT TOP 0.5"



Description

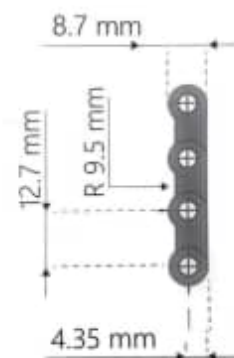
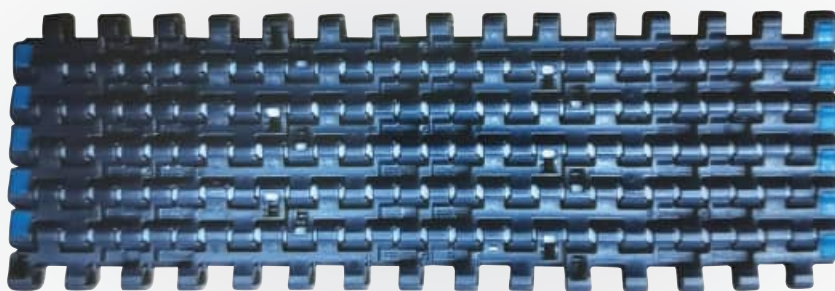
- “Nosebar transfer” recommended diameter 18 mm(0.71”), 16mm(0.63”)possible
- 0% open area
- Food approved materials available
- Easy to clean, open hinge
- Rod diameter 5mm(0.2”)
- “Open window” sprockets

Available accessories

- Flights
- Side guards
- Grip Top modules

Belt material		Polypropylene	Polypropylene	Polyacetal	
Standard rod material		PP	PE	PP	PA
Nominal tensile strength [F _N]	N/m	11'000	6'000	16'000	18'000
	lb/ft	754	411	1'096	1'233
Temperature range	°C	5~105	-70~65	5~93	-40~93
	°F	40~220	-94~150	40~200	-40~200
Belt weight [m _s]	kg/m ²	5.8	6.2	8.7	8.7
	lb/sqft	1.20	1.27	1.78	1.78

SERIES 2120 FT

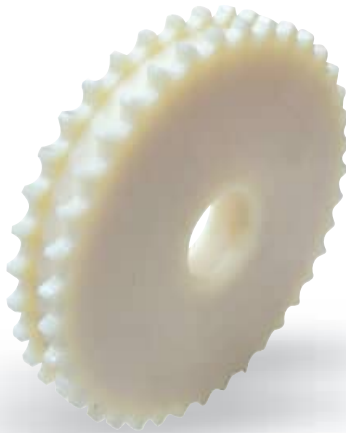


Width W		Item description
mm	in	(Grey)
85	3.35	2120FT-0085
170	6.69	2120FT-0170
255	10.04	2120FT-0255
340	13.39	2120FT-0340
425	16.73	2120FT-0425
510	20.08	2120FT-0510
595	23.43	2120FT-0595
680	26.77	2120FT-0680
765	30.12	2120FT-0765
850	33.46	2120FT-0850
935	36.81	2120FT-0935

Width W		Item description
mm	in	(Grey)
1120	40.16	2120FT-1020
1105	43.50	2120FT-1105
1190	46.85	2120FT-1190
1275	50.20	2120FT-1275
1360	53.54	2120FT-1360
1445	56.89	2120FT-1445
1530	60.24	2120FT-1530
1615	63.58	2120FT-1615
1700	66.93	2120FT-1700
1785	70.28	2120FT-1785
1870	73.62	2120FT-1870

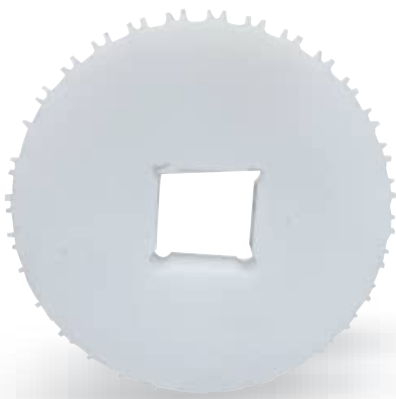
PLASTIC MODULAR BELTS

SPROCKET SERIES S2120



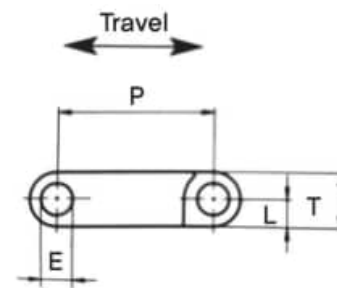
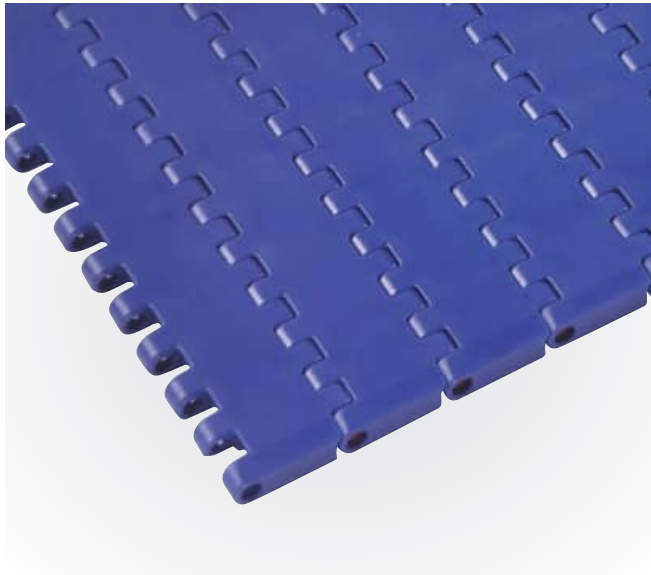
TYPE	Number of teeth	Diam. of pitch		A		Hub width B		Square bore Q		ØRound bore R		Standard material
		mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	
S	10	41.2	1.6	16.1	0.63	30	1.18	-	-	20	3/4	POM
S	15	62.4	2.5	26.7	1.05	30	1.18	25	1	25	1	POM
S	19	78.8	3.1	34.4	1.35	30	1.18	-	1.5	-	1	POM
S	24	99.2	3.9	45.1	1.78	30	1.18	25/40	1.5	25	1	POM
S	28	116.5	4.6	53.8	2.12	30	1.18	40	1.5	25	-	POM
S	356	149.8	5.9	70.4	2.77	30	1.18	40/60	1.5/2.5	-	-	POM
Z	24	99.2	3.9	45.1	1.78	40	1.57	40	-	-	-	POM
Z-H	28	116.5	4.6	53.8	2.12	51	2.00	40	1.5	-	1 ³ / ₄	PA+GS
Z-H	36	149.8	5.9	70.4	2.77	51	2.00	40/60	1.5/2.5	50	1 ¹ / ₁₈	PA+GS

SERIES 1100 (SPROCKET DATA)



No. of Teeth (Chordal Action)	Nom Pitch Dia.in.	Nom Pitch Dia. mm	Nom Outer Dia. in.	Nom Outer Dia. mm	Nom Hub Width in.	Nom Hub Width mm	Available Bore Sizes			
							U.S. Size		Metric Sizes	
							Round in. ^b	Square in.	Round mm ^b	Square mm
12	2.3	58	2.3	58	0.75	19	1.0	1.0	25	25
16	3.1	79	3.1	79	1.0	25	1to1-1/4	1.5	25to30	40
18	3.5	89	3.5	89	0.75	19		1.0/1.5		25/40
20	3.8	97	3.8	97	1.0	25		1.5		40
24	4.6	117	4.7	119	1.0	25	1to1-1/4	1.5	25to30	40
26	5.1	130	5.1	130	1.0	25	1to1-1/4	1.5	25to30	40
32	6.1	155	6.2	157	1.0	25	1to1-1/4	1.5/2.5	25to30	40/60

SERIES 2300 PLAT TOP BELT



Open Area : 0%
Rod $\varnothing$: 5 $\varnothing$

DIMENSIONS

	mm	in		mm	in		mm	in
B	4.5	0.18	F	0.8	0.03	P	25.4	1.00
E	5.1	0.20	L	4.4	0.17	T	8.8	0.35

STANDARD BRICKLAYED BELT WIDTHS (See next page for Single Link widths)

mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in
38	1.5	379	14.9	835	32.9	1290	50.8	1746	68.7	2201	86.7	2808	110.6
51	2.0	455	17.9	911	35.9	1366	53.8	1822	71.7	2277	89.6	2884	113.6
76	3.0	531	20.9	987	38.8	1442	56.8	1898	74.7	2505	98.6	2353	92.6
152	6.0	607	23.9	1063	41.8	1518	59.8	1973	77.7	2581	101.6	2429	95.6
228	9.0	683	26.9	1139	44.8	1594	62.8	2049	80.7	2657	104.6	2960	116.5
304	12.0	759	29.9	1214	47.8	1670	65.7	2125	83.7	2732	107.6	3036	119.5

PERMISSIBLE TENSILE STRENGTH

Belt material	POM		PP	
Pin material	PA6.6 and PP		PA6.6 and PP	
	N/m	lb/ft	N/m	lb/ft
	35000	2398	20000	1370
	-	-	20000	370

PLASTIC MODULAR BELTS

STANDARD SPROCKETS QNB

Standard Sprockets

No. of teeth	Pitch diameter		Overall diameter		Bore	
	mm	in	mm	in	mm	in
10	82.2	3.24	80.3	3.16	65.0	2.56
12	98.1	3.86	96.8	3.81	70.0	2.76
15	122.2	4.81	121.5	4.78	70.0	2.76
					100.0	3.94
18	146.3	5.76	146.1	5.75	70.0	2.76
					120.0	4.72
19	154.3	6.07	154.2	6.07	70.0	2.76
					120.0	4.72

* Minimum/maximum round bore

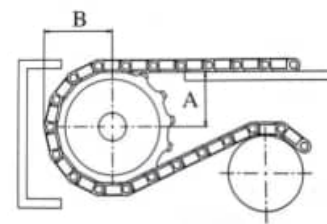


uni QNB sprocket

Width of sprockets : 25.0mm(0.98in)
Tooth width : 10.0mm(0.39in)

Placement of Wearstrips and Sprockets

No. of teeth	Minimum B-dimension		Wearstrip distance A	
	mm	in	mm	in
10	45.5	1.79	34.7	1.37
12	53.5	2.11	43.0	1.69
15	65.5	2.58	55.3	2.18
18	77.5	3.05	67.6	2.66
19	81.6	3.21	71.7	2.82



Standard Material and Color

PA6

N

Max. Load per Sprocket

Belt material	POM		PP	
	N	lb	N	lb
uni QNB	2300	517	1300	292

Other sprocket sizes are available upon request. Two-part sprockets available upon request.
Please contact uni-chains for further information