

uni-chains Modular

Innovative belt and chain solutions
for every industry & application



Content

uni 440 Tab	page 5 - 6
uni 879 Super Flex	page 7 - 8
uni 879 Tab R	page 9 - 10
uni 879 Tab	page 11 - 12
uni 879	page 13 - 14
uni 880 Super Flex	page 15 - 16
uni 880 Tab R	page 17 - 18
uni 880 Tab RT	page 19 - 20
uni 880 Tab	page 21 - 22
uni 880	page 23 - 24
uni 882	page 25 - 26
uni 882 Tab	page 27 - 28
uni 1843	page 29 - 30
uni 1873 Grip D	page 31 - 32
uni 1873 Grip G3	page 33 - 34
uni 1873 Grip G4	page 35 - 36
uni 1873 Grip G4L	page 37 - 38
uni 1873SE	page 39 - 40
uni 1873	page 41 - 42
uni 3873	page 43 - 44
uni 879 Tab R G4	page 45 - 46
uni 879 Tab Safety	page 47 - 48
uni 879 Tab Safety Finger	page 49 - 50
uni 880 Rib Flex	page 51 - 52

Content

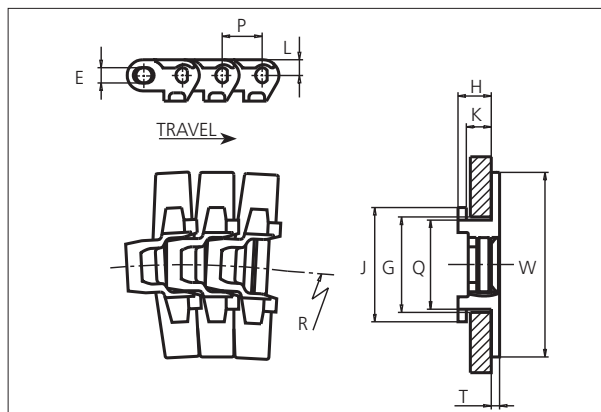
uni 880 Rib	page 53 - 54
uni 882 Tab PRR	page 55 - 56
uni 882 Tab PRR4	page 57 - 58
uni 882 Rib Flex	page 59 - 60
uni 882 Tab SC	page 61 - 62
uni 982 SC	page 63 - 64
uni 1400	page 65 - 66
uni 1400 Tab	page 67 - 68
uni 1700	page 69 - 70
uni 1701	page 71 - 72
uni 1701 Tab	page 73 - 74
uni 1701 Tab R	page 75 - 76
uni 1701 Tab R ST	page 77 - 78
uni 1702	page 79 - 80
uni 1702 H	page 81 - 82
uni 1702 M	page 83 - 84
uni 1703	page 85 - 86
uni 1704	page 87 - 88
uni 1705	page 89 - 90
uni 1706	page 91 - 92
uni 1707	page 93 - 94
uni 2500	page 95 - 96
uni 2600 C	page 97 - 98
uni 2600 Tab O	page 99 - 100

Content

uni 2600 Tab O M	page 101 - 102
uni 2600 O	page 103 - 104
uni 2600 Tab C	page 105 - 106
uni 2700	page 107 - 108
uni 3200 Tab	page 109 - 110
uni 2700 H	page 111 - 112
uni 3000	page 113 - 114
uni 2800 Tab	page 115 - 116
uni 2700 H R	page 117 - 118
uni 2800	page 119 - 120
uni 2700 LH	page 121 - 122
uni 2700 R	page 123 - 124
uni 2600 O M	page 125 - 126

Slat Top Plastic Chain

Series **uni 440** Type **Tab**



Slat Top Plastic Chain

Side flexing chain

Pitch: 19.1 mm (0.75 in)

Backflex radius:

12.5 mm (0.5 in)

Permissible tensile strength:

POM material:

1100 N (247 lbf)

Standard shipping lengths:

boxes of 160 links

= 3.048 m (10.0 ft)

E		G		H		J		K		L		P		Q		T	
mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in
7.4	0.29	44.5	1.75	15.9	0.63	55.0	2.17	11.9	0.47	7.5	0.30	19.1	0.75	42.9	1.69	4.0	0.16

All dimensions are for chains in POM material.

Width (W)			Material & color	Pin material	Weight		Min. radius (R)	
	mm	in			kg/m	lb/ft	mm	in
K250	63.5	2.50	POM-LF BR	SS304	1.2	0.81	175	6.89
K325	82.6	3.25	POM-LF BR	SS304	1.3	0.87	175	6.89
K350	88.9	3.50	POM-LF BR	SS304	1.3	0.87	175	6.89
K450	114.3	4.50	POM-LF BR	SS304	1.4	0.94	175	6.89
K750	190.5	7.50	POM-LF BR	SS304	1.6	1.07	175	6.89

Non standard material and color: See uni Material and Color Overview.

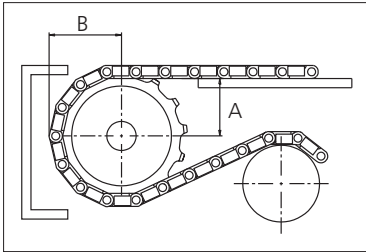
Non standard pin material: See uni Material and Color Overview.

Sprocket

No of teeth	Pitch diameter		Overall diameter		Min. ø bore		Max. ø bore		Hub diameter		Dimension A		Dimension B		 Machined PAG
	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	
Z9	55.8	2.20	57.0	2.20	10.0	0.40	25.0	1.00	37.0	1.50	29.8	1.20	35.6	1.40	✓
Z12	73.8	2.91	76.0	3.00	10.0	0.40	30.0	1.20	56.0	2.20	39.2	1.50	44.5	1.80	✓
Z20	122.1	4.81	125.3	4.90	18.0	0.70	70.0	2.80	105.0	4.10	63.8	2.50	68.6	2.70	✓

Non standard material and color:
See uni Material and Color Overview.

Machined sprocket



Please ensure that sufficient size
shaft and keyway are chosen for
corresponding load.

Other sprocket sizes are available upon request
Width of tooth: 15.8 mm/0.60 in
Width of sprocket: 25.0 mm/0.10 in
uni Retainer Rings: See uni Retainer Ring data sheet

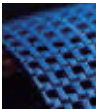
uni 440 Tab/160615



Conveyor Belts



Seamless Belts



Modular Belts



Timing Belts



Transmission Belts

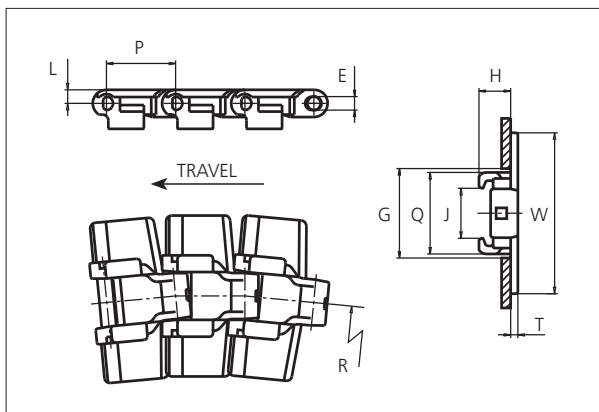


Fabrication & service

Solid advice
For all your belting needs
Local stock & service
www.unichains.com

Slat Top Plastic Chain

Series **uni 879** Type **Super Flex**



Slat Top Plastic Chain

Side flexing chain
Pitch: 38.1 mm (1.50 in)
Backflex radius:
75.0 mm (3.00 in)
Permissible tensile strength:
POM material: 2250 N (506 lbf)

Standard shipping lengths:
boxes of 80 links
= 3.048 m (10.0 ft)

E		G		H		J		L		P		Q		T	
mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in
7.0	0.28	46.0	1.81	17.5	0.69	27.5	1.08	7.5	0.30	38.1	1.50	42.3	1.67	5.0	0.20

All dimensions are for chains in POM material.

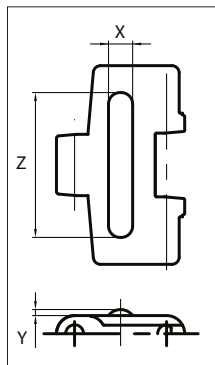
Width (W)			Recommended Material & color	Pin material	Weight		Min. radius (R)	
	mm	in			kg/m	lb/ft	mm	in
K450	114.3	4.50	POM-D POM-D G POM-LF BR POM-SLF 	SS304	1.1	0.67	610	24.02

Non standard material and color: See uni Material and Color Overview.

Non standard pin material: See uni Material and Color Overview.

Accessories

Rubber Top



When ordering, please state the required distance between the Rubber Top.

Other Non Standard rubber profiles:
See uni Rubber Profile Overview.

Width	Link material	Rubber material	Z		X		Y	
			mm	in	mm	in	mm	in
K450	POM-LF BR	05 I	90	3.54	10	0.39	2.5	0.10

Sprocket

No. of teeth	Pitch diameter		Overall diameter		Min. ø bore		Max. ø bore		Hub diameter		Dimension A		Dimension B		Molded PA6	Molded Cast Iron
	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in		
Z9	111.4	4.39	109.7	4.32	20.0	0.80	40.0	1.60	70.0	2.76	55.9	2.20	63.2	2.49	✓	✓
Z10	123.3	4.85	122.3	4.81	20.0	0.80	40.0	1.60	70.0	2.76	62.2	2.45	69.2	2.72	✓	✓
Z11	135.2	5.32	134.8	5.31	20.0	0.80	40.0	1.60	70.0	2.76	68.4	2.69	75.1	2.96	✓	✓
Z12	147.2	5.80	147.2	5.80	20.0	0.80	40.0	1.60	70.0	2.76	74.6	2.94	81.1	3.19	✓	✓
Z15	183.3	7.22	184.3	7.26	20.0	0.80	40.0	1.60	70.0	2.76	93.2	3.67	99.2	3.91	✓	✓

Two part sprocket

No. of teeth	Pitch diameter		Overall diameter		Min. ø bore		Max. ø bore		Hub diameter		Dimension A		Dimension B		Molded PA6
	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	
Z9	111.4	4.39	109.7	4.32	20.0	0.80	40.0	1.60	70.0	2.76	55.9	2.20	63.2	2.49	✓
Z10	123.3	4.85	122.3	4.81	20.0	0.80	40.0	1.60	70.0	2.76	62.2	2.45	69.2	2.72	✓
Z11	135.2	5.32	134.8	5.31	20.0	0.80	40.0	1.60	70.0	2.76	68.4	2.69	75.1	2.96	✓
Z12	147.2	5.80	147.2	5.80	20.0	0.80	40.0	1.60	70.0	2.76	74.6	2.94	81.1	3.19	✓

Molded sprocket



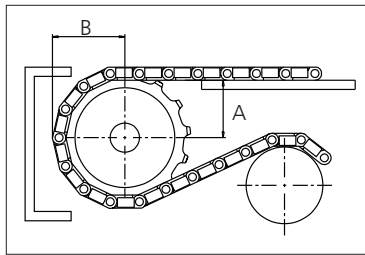
Cast iron sprocket



Molded two part sprocket



Non standard material and color:
See uni Material and Color Overview.



Please ensure that sufficient size shaft and keyway are chosen for corresponding load.

Other sprocket sizes are available upon request
Width of tooth: 15.8 mm/0.62 in
Width of sprocket: 42.3 mm/1.67 in
uni Retainer Rings: See uni Retainer Ring data sheet
uni Idler: See uni Idler data sheet

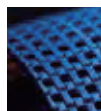
uni 879 Super Flex/160624



Conveyor Belts



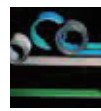
Seamless Belts



Modular Belts



Timing Belts



Transmission Belts

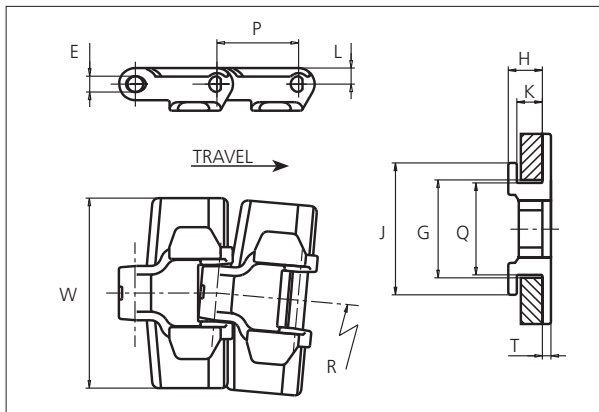


Fabrication & service

Solid advice
For all your belting needs
Local stock & service
www.unichains.com

Slat Top Plastic Chain

Series **uni 879** Type **Tab R**



Slat Top Plastic Chain

Side flexing chain

Pitch: 38.1 mm (1.50 in)

Backflex radius:

75.0 mm (3.00 in)

Permissible tensile strength:

POM material:

2250 N (506 lbf)

Standard shipping lengths:

boxes of 80 links

= 3.048 m (10.0 ft)

E		G		H		J		K		L		P		Q		T	
mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in
7.1	0.28	44.5	1.75	15.9	0.63	61.5	2.42	11.9	0.47	8.5	0.33	38.1	1.50	43.1	1.70	5.0	0.20

All dimensions are for chains in POM material.

Width (W)			Material & color	Pin material	Weight		Min. radius (R)	
	mm	in			kg/m	lb/ft	mm	in
K325	82.6	3.25	POM-LF BR	SS304	0.9	0.61	200	7.87
K450	114.3	4.50	POM-LF BR	SS304	1.2	0.81	200	7.87

Non standard material and color: See uni Material and Color Overview.

Non standard pin material: See uni Material and Color Overview.

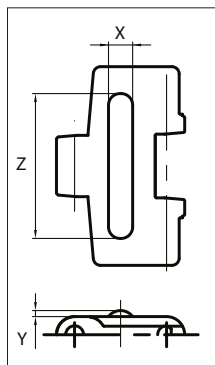
Accessories

Rubber Top



When ordering, please state the required distance between the Rubber Top.

Other Non Standard rubber profiles:
See uni Rubber Profile Overview.



Width	Link material	Rubber material	Z		X		Y	
			mm	in	mm	in	mm	in
K325	POM-LF BR	05 I	60	2.36	10	0.39	2.5	0.10

Sprocket

No. of teeth	Pitch diameter		Overall diameter		Min. ø bore		Max. ø bore		Hub diameter		Dimention A		Dimention B		Molded PA6	Molded Cast Iron
	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in		
Z9	111.4	4.39	109.7	4.32	20.0	0.80	40.0	1.60	70.0	2.76	55.9	2.20	63.2	2.49	✓	✓
Z10	123.3	4.85	122.3	4.81	20.0	0.80	40.0	1.60	70.0	2.76	62.2	2.45	69.2	2.72	✓	✓
Z11	135.2	5.32	134.8	5.31	20.0	0.80	40.0	1.60	70.0	2.76	68.4	2.69	75.1	2.96	✓	✓
Z12	147.2	5.80	147.2	5.80	20.0	0.80	40.0	1.60	70.0	2.76	74.6	2.94	81.1	3.19	✓	✓
Z15	183.3	7.22	184.3	7.26	20.0	0.80	40.0	1.60	70.0	2.76	93.2	3.67	99.2	3.91	✓	✓

Two part sprocket

No. of teeth	Pitch diameter		Overall diameter		Min. ø bore		Max. ø bore		Hub diameter		Dimention A		Dimention B		Molded PA6
	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	
Z9	111.4	4.39	109.7	4.32	20.0	0.80	40.0	1.60	70.0	2.76	55.9	2.20	63.2	2.49	✓
Z10	123.3	4.85	122.3	4.81	20.0	0.80	40.0	1.60	70.0	2.76	62.2	2.45	69.2	2.72	✓
Z11	135.2	5.32	134.8	5.31	20.0	0.80	40.0	1.60	70.0	2.76	68.4	2.69	75.1	2.96	✓
Z12	147.2	5.80	147.2	5.80	20.0	0.80	40.0	1.60	70.0	2.76	74.6	2.94	81.1	3.19	✓

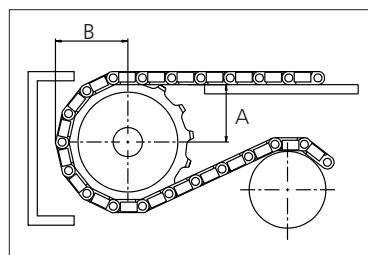
Molded sprocket



Cast iron sprocket



Molded two part sprocket



Please ensure that sufficient size shaft and keyway are chosen for corresponding load.

Other sprocket sizes are available upon request

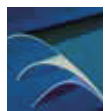
Width of tooth: 15.8 mm/0.62 in

Width of sprocket: 42.3 mm/1.67 in

uni Retainer Rings: See uni Retainer Ring data sheet

uni Idler: See uni Idler data sheet

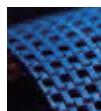
Non standard material and color:
See uni Material and Color Overview.



Conveyor Belts



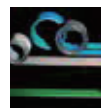
Seamless Belts



Modular Belts



Timing Belts



Transmission Belts

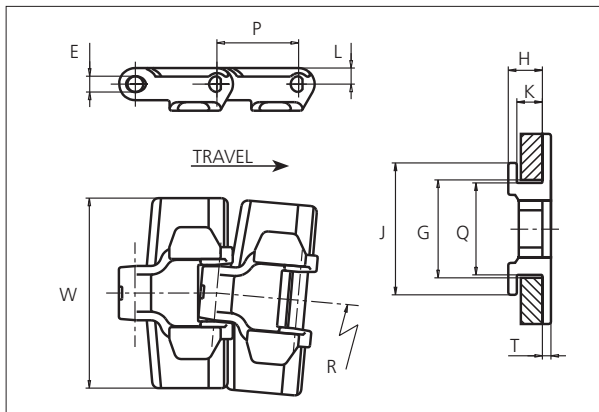


Fabrication & service

Solid advice
For all your belting needs
Local stock & service
www.unichains.com

Slat Top Plastic Chain

Series **uni 879** Type **Tab**



Slat Top Plastic Chain

Side flexing chain

Pitch: 38.1 mm (1.50 in)

Backflex radius:

75.0 mm (3.00 in)

Permissible tensile strength:

POM material:

2250 N (506 lbf)

Standard shipping lengths:

boxes of 80 links

= 3.048 m (10.0 ft)

E		G		H		J		K		L		P		Q		T	
mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in
7.1	0.28	44.5	1.75	15.9	0.63	61.5	2.42	11.9	0.47	8.5	0.33	38.1	1.50	43.1	1.70	5.0	0.20

All dimensions are for chains in POM material.

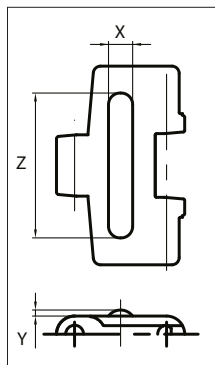
Width (W)			Material & color	Pin material	Weight		Min. radius (R)	
	mm	in			kg/m	lb/ft	mm	in
K250	63.5	2.50	-	-	-	-	-	-
K325	82.6	3.25	POM-LF BR	SS304	1.1	0.74	400	15.75
K450	114.3	4.50	POM-LF BR	SS304	1.3	0.87	400	15.75

Non standard material and color: See uni Material and Color Overview.

Non standard pin material: See uni Material and Color Overview.

Accessories

Rubber Top



When ordering, please state the required distance between the Rubber Top.

Other Non Standard rubber profiles:
See uni Rubber Profile Overview.

Width	Link material	Rubber material	Z		X		Y	
			mm	in	mm	in	mm	in
K325	POM-LF BR	05 I	60	2.36	10	0.39	2.5	0.10
K450	POM-LF BR	05 I	90	3.54	10	0.39	2.5	0.10

Sprocket

No. of teeth	Pitch diameter		Overall diameter		Min. ø bore		Max. ø bore		Hub diameter		Dimension A		Dimension B		Molded PA6	Molded Cast Iron
	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in		
Z9	111.4	4.39	109.7	4.32	20.0	0.80	40.0	1.60	70.0	2.76	55.9	2.20	63.2	2.49	✓	✓
Z10	123.3	4.85	122.3	4.81	20.0	0.80	40.0	1.60	70.0	2.76	62.2	2.45	69.2	2.72	✓	✓
Z11	135.2	5.32	134.8	5.31	20.0	0.80	40.0	1.60	70.0	2.76	68.4	2.69	75.1	2.96	✓	✓
Z12	147.2	5.80	147.2	5.80	20.0	0.80	40.0	1.60	70.0	2.76	74.6	2.94	81.1	3.19	✓	✓
Z15	183.3	7.22	184.3	7.26	20.0	0.80	40.0	1.60	70.0	2.76	93.2	3.67	99.2	3.91	✓	✓

Two part sprocket

No. of teeth	Pitch diameter		Overall diameter		Min. ø bore		Max. ø bore		Hub diameter		Dimension A		Dimension B		Molded PA6
	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	
Z9	111.4	4.39	109.7	4.32	20.0	0.80	40.0	1.60	70.0	2.76	55.9	2.20	63.2	2.49	✓
Z10	123.3	4.85	122.3	4.81	20.0	0.80	40.0	1.60	70.0	2.76	62.2	2.45	69.2	2.72	✓
Z11	135.2	5.32	134.8	5.31	20.0	0.80	40.0	1.60	70.0	2.76	68.4	2.69	75.1	2.96	✓
Z12	147.2	5.80	147.2	5.80	20.0	0.80	40.0	1.60	70.0	2.76	74.6	2.94	81.1	3.19	✓

Molded sprocket



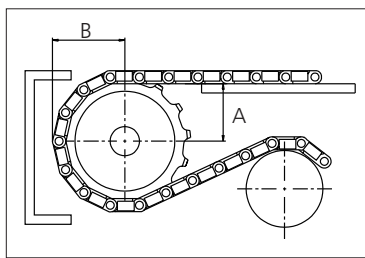
Cast iron sprocket



Molded two part sprocket



Non standard material and color:
See uni Material and Color Overview.



Please ensure that sufficient size shaft and keyway are chosen for corresponding load.

Other sprocket sizes are available upon request
Width of tooth: 15.8 mm/0.62 in
Width of sprocket: 42.3 mm/1.67 in
uni Retainer Rings: See uni Retainer Ring data sheet
uni Idler: See uni Idler data sheet

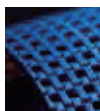
uni 879 Tab/160624



Conveyor Belts



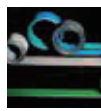
Seamless Belts



Modular Belts



Timing Belts



Transmission Belts

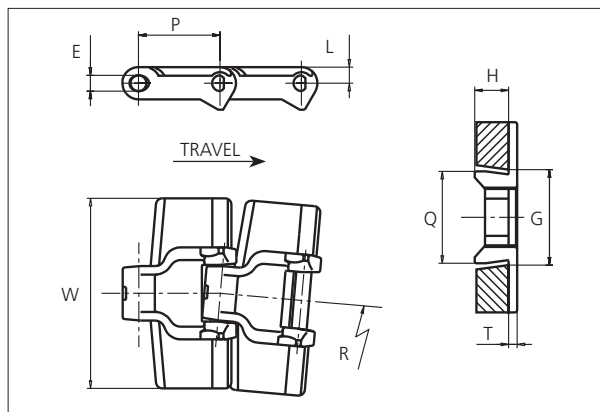


Fabrication & service

Solid advice
For all your belting needs
Local stock & service
www.unichains.com

Slat Top Plastic Chain

Series **uni 879** Type -



Slat Top Plastic Chain

Side flexing chain
Pitch: 38.1 mm (1.50 in)
Backflex radius: 75 mm (3 in)
Permissible tensile strength:
POM material: 2250 N (506 lbf)

Standard shipping lengths:
boxes of 80 links
= 3.048 m (10.0 ft)

E		G*		G**		H		J		K		L		P		Q		T	
mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in
7.1	0.28	41.3	1.63	46.6	1.83	15.9	0.63	61.5	2.42	11.9	0.47	8.5	0.33	38.1	1.50	43.1	1.70	5.0	0.20

*Curve, ** Straight

All dimensions are for chains in POM material.

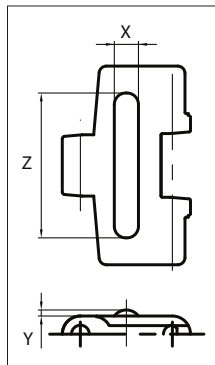
Width (W)			Recommended material & color	Recommended pin material	Weight		Min. radius (R)	
	mm	in			kg/m	lb/ft	mm	in
K250	63.5	2.50	POM-D  POM-LF  POM-D  POM-SLF 	SS304	1.0	0.67	400	15.75
K325	82.6	3.25	POM-D  POM-LF  POM-D  POM-SLF 	SS304	1.0	0.67	400	15.75
K450	114.3	4.50	POM-D  POM-LF  POM-D  POM-SLF 	SS304	1.3	0.87	400	15.75

Other non standard material and color: See uni Material and Color Overview.

Other non standard pin material: See uni Material and Color Overview.

Accessories

Rubber Top



When ordering, please state the required distance between the Rubber Top.

Other Non Standard rubber profiles:
See uni Rubber Profile Overview

Width	Link material	Rubber material	Z		X		Y	
			mm	in	mm	in	mm	in
K325	POM-LF 	05 	60	2.36	10	0.39	2.5	0.10
K450	POM-LF 	05 	90	3.54	10	0.39	2.5	0.10

NON STANDARD

SIDE FLEXING

PITCH 38.1 MM/1.50 IN

Sprocket

No. of teeth	Pitch diameter		Overall diameter		Min. ø bore		Max. ø bore		Hub diameter		Dimension A		Dimension B		Molded PA6	Molded Cast Iron
	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in		
Z9	111.4	4.39	109.7	4.32	20.0	0.80	40.0	1.60	70.0	2.76	55.9	2.20	63.2	2.49	✓	✓
Z10	123.3	4.85	122.3	4.81	20.0	0.80	40.0	1.60	70.0	2.76	62.2	2.45	69.2	2.72	✓	✓
Z11	135.2	5.32	134.8	5.31	20.0	0.80	40.0	1.60	70.0	2.76	68.4	2.69	75.1	2.96	✓	✓
Z12	147.2	5.80	147.2	5.80	20.0	0.80	40.0	1.60	70.0	2.76	74.6	2.94	81.1	3.19	✓	✓
Z15	183.3	7.22	184.3	7.26	20.0	0.80	40.0	1.60	70.0	2.76	93.2	3.67	99.2	3.91	✓	✓

Two part sprocket

No. of teeth	Pitch diameter		Overall diameter		Min. ø bore		Max. ø bore		Hub diameter		Dimension A		Dimension B		Molded PA6
	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	
Z9	111.4	4.39	109.7	4.32	20.0	0.80	40.0	1.60	70.0	2.76	55.9	2.20	63.2	2.49	✓
Z10	123.3	4.85	122.3	4.81	20.0	0.80	40.0	1.60	70.0	2.76	62.2	2.45	69.2	2.72	✓
Z11	135.2	5.32	134.8	5.31	20.0	0.80	40.0	1.60	70.0	2.76	68.4	2.69	75.1	2.96	✓
Z12	147.2	5.80	147.2	5.80	20.0	0.80	40.0	1.60	70.0	2.76	74.6	2.94	81.1	3.19	✓

Molded sprocket



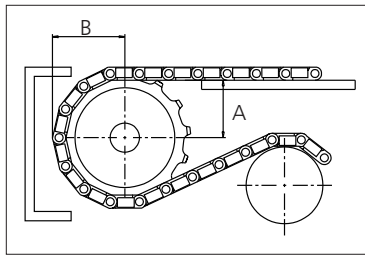
Cast iron sprocket



Molded two part sprocket



Non standard material and color:
See uni Material and Color Overview.



Please ensure that sufficient size shaft and keyway are chosen for corresponding load.

Other sprocket sizes are available upon request
Width of tooth: 15.8 mm/0.62 in
Width of sprocket: 42.3 mm/1.67 in
uni Retainer Rings: See uni Retainer Ring data sheet
uni Idler: See uni Idler data sheet

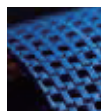
uni 879/160624



Conveyor Belts



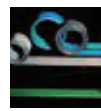
Seamless Belts



Modular Belts



Timing Belts



Transmission Belts

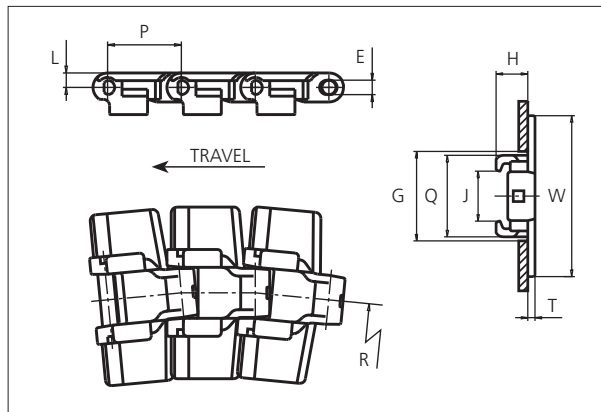


Fabrication & service

Solid advice
For all your belting needs
Local stock & service
www.unichains.com

Slat Top Plastic Chain

Series **uni 880** Type **Super Flex**



Slat Top Plastic Chain

Side flexing chain
Pitch: 38.1 mm (1.50 in)
Backflex radius:
75.0 mm (3.00 in)
Permissible tensile strength:
POM material:
2250 N (506 lbf)

Standard shipping lengths:
boxes of 80 links
= 3.048 m (10.0 ft)

E		G		H		J		L		P		Q		T	
mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in
7.0	0.28	46.0	1.81	17.5	0.69	27.5	1.08	7.5	0.30	38.1	1.50	42.3	1.67	4.0	0.16

All dimensions are for chains in POM material.

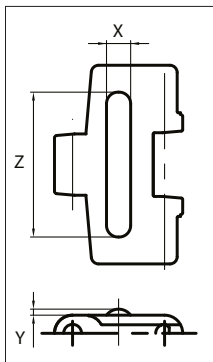
	Width (W)		Material & color	Pin material	Weight		Min. radius (R)	
	mm	in			kg/m	lb/ft	mm	in
K250	63.5	2.50	-	-	-	-	-	-
K325	82.6	3.25	POM-LF BR	SS304	1.0	0.67	457.0	17.99
K350	88.9	3.50	-	-	-	-	-	-
K450	114.3	4.50	POM-LF BR	SS304	1.1	0.67	610.0	24.02
K750	190.5	7.50	-	-	-	-	-	-

Non standard material and color: See uni Material and Color Overview.

Non standard pin material: See uni Material and Color Overview.

Accessories

Rubber Top



When ordering, please state the required distance between the Rubber Top.

Other Non Standard rubber profiles:
See uni Rubber Profile Overview.

Width	Link material	Rubber material	Z		X		Y	
			mm	in	mm	in	mm	in
K325	POM-LF BR	05 I	60	2.36	10	0.39	2.5	0.10
K450	POM-LF BR	05 I	90	3.54	10	0.39	2.5	0.10

Sprocket

No. of teeth	Pitch diameter		Overall diameter		Min. ø bore		Max. ø bore		Hub diameter		Dimention A		Dimention B		Molded PA6	Molded Cast Iron
	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in		
Z9	111.4	4.39	109.7	4.32	20.0	0.80	40.0	1.60	70.0	2.76	55.9	2.20	63.2	2.49	✓	✓
Z10	123.3	4.85	122.3	4.81	20.0	0.80	40.0	1.60	70.0	2.76	62.2	2.45	69.2	2.72	✓	✓
Z11	135.2	5.32	134.8	5.31	20.0	0.80	40.0	1.60	70.0	2.76	68.4	2.69	75.1	2.96	✓	✓
Z12	147.2	5.80	147.2	5.80	20.0	0.80	40.0	1.60	70.0	2.76	74.6	2.94	81.1	3.19	✓	✓
Z15	183.3	7.22	184.3	7.26	20.0	0.80	40.0	1.60	70.0	2.76	93.2	3.67	99.2	3.91	✓	✓

Two part sprocket

No. of teeth	Pitch diameter		Overall diameter		Min. ø bore		Max. ø bore		Hub diameter		Dimention A		Dimention B		Molded PA6
	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	
Z9	111.4	4.39	109.7	4.32	20.0	0.80	40.0	1.60	70.0	2.76	55.9	2.20	63.2	2.49	✓
Z10	123.3	4.85	122.3	4.81	20.0	0.80	40.0	1.60	70.0	2.76	62.2	2.45	69.2	2.72	✓
Z11	135.2	5.32	134.8	5.31	20.0	0.80	40.0	1.60	70.0	2.76	68.4	2.69	75.1	2.96	✓
Z12	147.2	5.80	147.2	5.80	20.0	0.80	40.0	1.60	70.0	2.76	74.6	2.94	81.1	3.19	✓

Molded sprocket



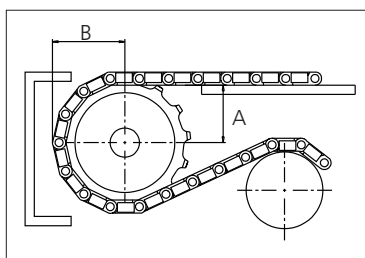
Cast iron sprocket



Molded two part sprocket



Non standard material and color:
See uni Material and Color Overview.



Please ensure that sufficient size shaft and keyway are chosen for corresponding load.

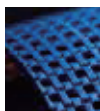
Other sprocket sizes are available upon request
Width of tooth: 15.8 mm/0.62 in
Width of sprocket: 42.3 mm/1.67 in
uni Retainer Rings: See uni Retainer Ring data sheet
uni Idler: See uni Idler data sheet



Conveyor Belts



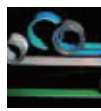
Seamless Belts



Modular Belts



Timing Belts



Transmission Belts

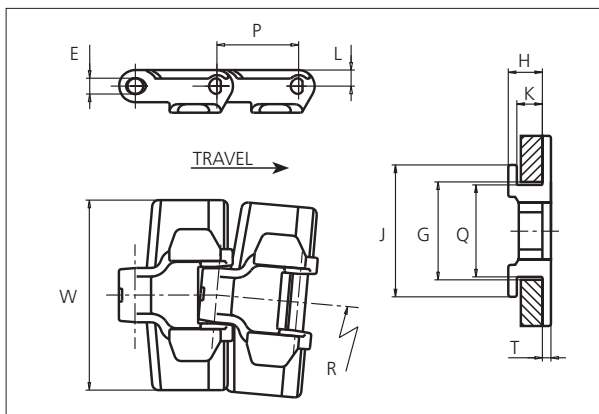


Fabrication & service

Solid advice
For all your belting needs
Local stock & service
www.unichains.com

Slat Top Plastic Chain

Series **uni 880** Type **Tab R**



Slat Top Plastic Chain

Side flexing chain
Pitch: 38.1 mm (1.50 in)
Backflex radius:
75.0 mm (3.00 in)
Permissible tensile strength:
POM material:
2250 N (506 lbf)

Standard shipping lengths:
boxes of 80 links
= 3.048 m (10.0 ft)

E		G		H		J		K		L		P		Q		T	
mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in
7.1	0.28	44.5	1.75	15.9	0.63	61.5	2.42	11.9	0.47	7.5	0.30	38.1	1.50	43.1	1.70	4.0	0.16

All dimensions are for chains in POM material.

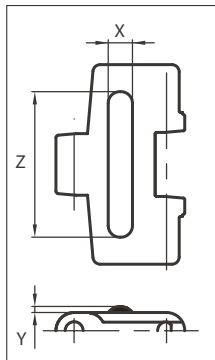
Width (W)			Material & color	Pin material	Weight		Min. radius (R)	
	mm	in			kg/m	lb/ft	mm	in
K200	50.6	2.00	-	-	-	-	-	-
K250	63.5	2.50	POM-LF BR	SS304	0.8	0.54	200	7.87
K325	82.6	3.25	POM-LF BR POM-SLF ■	SS304	1.0	0.67	200	7.87
K450	114.3	4.50	POM-LF BR	SS304	1.1	0.75	200	7.87

Non standard material and color: See uni Material and Color Overview.

Non standard pin material: See uni Material and Color Overview.

Accessories

Rubber Top



When ordering, please state the required distance between the Rubber Top.

Other Non Standard rubber profiles:
See uni Rubber Profile Overview.

Width	Link material	Rubber material	Z		X		Y	
			mm	in	mm	in	mm	in
K325	POM-LF BR	05 I	60	2.36	10	0.39	2.5	0.10

Sprocket

No. of teeth	Pitch diameter		Overall diameter		Min. ø bore		Max. ø bore		Hub diameter		Dimension A		Dimension B		Molded PA6	Molded Cast Iron
	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in		
Z9	111.4	4.39	109.7	4.32	20.0	0.80	40.0	1.60	70.0	2.76	55.9	2.20	63.2	2.49	✓	✓
Z10	123.3	4.85	122.3	4.81	20.0	0.80	40.0	1.60	70.0	2.76	62.2	2.45	69.2	2.72	✓	✓
Z11	135.2	5.32	134.8	5.31	20.0	0.80	40.0	1.60	70.0	2.76	68.4	2.69	75.1	2.96	✓	✓
Z12	147.2	5.80	147.2	5.80	20.0	0.80	40.0	1.60	70.0	2.76	74.6	2.94	81.1	3.19	✓	✓
Z15	183.3	7.22	184.3	7.26	20.0	0.80	40.0	1.60	70.0	2.76	93.2	3.67	99.2	3.91	✓	✓

Two part sprocket

No. of teeth	Pitch diameter		Overall diameter		Min. ø bore		Max. ø bore		Hub diameter		Dimension A		Dimension B		Molded PA6
	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	
Z9	111.4	4.39	109.7	4.32	20.0	0.80	40.0	1.60	70.0	2.76	55.9	2.20	63.2	2.49	✓
Z10	123.3	4.85	122.3	4.81	20.0	0.80	40.0	1.60	70.0	2.76	62.2	2.45	69.2	2.72	✓
Z11	135.2	5.32	134.8	5.31	20.0	0.80	40.0	1.60	70.0	2.76	68.4	2.69	75.1	2.96	✓
Z12	147.2	5.80	147.2	5.80	20.0	0.80	40.0	1.60	70.0	2.76	74.6	2.94	81.1	3.19	✓

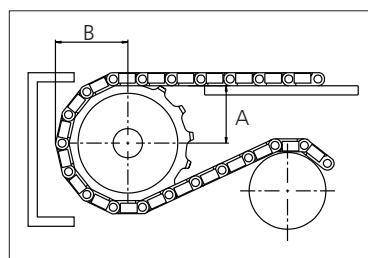
Molded sprocket



Cast iron sprocket



Molded two part sprocket



Please ensure that sufficient size shaft and keyway are chosen for corresponding load.

Other sprocket sizes are available upon request
 Width of tooth: 15.8 mm/0.62 in
 Width of sprocket: 42.3 mm/1.67 in
 uni Retainer Rings: See uni Retainer Ring data sheet
 uni Idler: See uni Idler data sheet

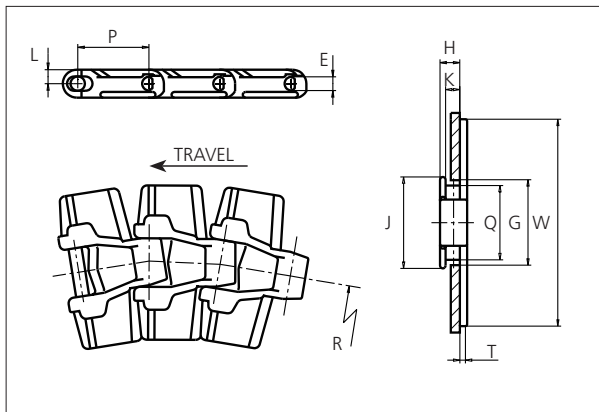
Non standard material and color:
 See uni Material and Color Overview.



Solid advice
 For all your belting needs
 Local stock & service
www.unichains.com

Slat Top Plastic Chain

Series **uni 880** Type **Tab RT**



Slat Top Plastic Chain

Side flexing chain
Pitch: 38.1 mm (1.50 in)
Backflex radius:
75.0 mm (3.00 in)
Permissible tensile strength:
POM material:
2250 N (506 lbf)

Standard shipping lengths:
boxes of 80 links
= 3.048 m (10.0 ft)

E		G		H		J		K		L		P		Q		T	
mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in
7.1	0.28	44.5	1.75	11.0	0.43	50.4	1.98	7.9	0.30	7.5	0.30	38.1	1.50	41.2	1.62	4.0	0.16

All dimensions are for chains in POM material.

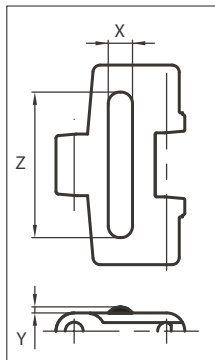
Width (W)			Material & color	Pin material	Weight		Min. radius (R)	
	mm	in			kg/m	lb/ft	mm	in
K325	82.6	3.25	POM-LF BR	SS304	0.9	0.60	200	7.87
K450	114.3	4.25	-	-	-	-	-	-

Non standard material and color: See uni Material and Color Overview.

Non standard pin material: See uni Material and Color Overview.

Accessories

Rubber Top



When ordering, please state the required distance between the Rubber Top.

Other Non Standard rubber profiles:
See uni Rubber Profile Overview.

Width	Link material	Rubber material	Z		X		Y	
			mm	in	mm	in	mm	in
K325	POM-LF BR	05 I	60	2.36	10	0.39	2.5	0.10

Sprocket

No. of teeth	Pitch diameter		Overall diameter		Min. ø bore		Max. ø bore		Hub diameter		Dimension A		Dimension B		Molded PA6	Molded Cast Iron
	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in		
Z9	111.4	4.39	109.7	4.32	20.0	0.80	40.0	1.60	70.0	2.76	55.9	2.20	63.2	2.49	✓	✓
Z10	123.3	4.85	122.3	4.81	20.0	0.80	40.0	1.60	70.0	2.76	62.2	2.45	69.2	2.72	✓	✓
Z11	135.2	5.32	134.8	5.31	20.0	0.80	40.0	1.60	70.0	2.76	68.4	2.69	75.1	2.96	✓	✓
Z12	147.2	5.80	147.2	5.80	20.0	0.80	40.0	1.60	70.0	2.76	74.6	2.94	81.1	3.19	✓	✓
Z15	183.3	7.22	184.3	7.26	20.0	0.80	40.0	1.60	70.0	2.76	93.2	3.67	99.2	3.91	✓	✓

Two part sprocket

No. of teeth	Pitch diameter		Overall diameter		Min. ø bore		Max. ø bore		Hub diameter		Dimension A		Dimension B		Molded PA6
	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	
Z9	111.4	4.39	109.7	4.32	20.0	0.80	40.0	1.60	70.0	2.76	55.9	2.20	63.2	2.49	✓
Z10	123.3	4.85	122.3	4.81	20.0	0.80	40.0	1.60	70.0	2.76	62.2	2.45	69.2	2.72	✓
Z11	135.2	5.32	134.8	5.31	20.0	0.80	40.0	1.60	70.0	2.76	68.4	2.69	75.1	2.96	✓
Z12	147.2	5.80	147.2	5.80	20.0	0.80	40.0	1.60	70.0	2.76	74.6	2.94	81.1	3.19	✓

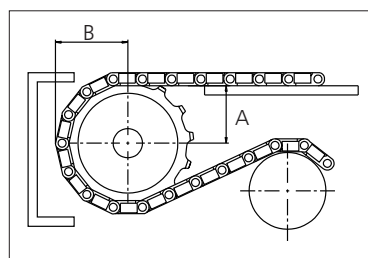
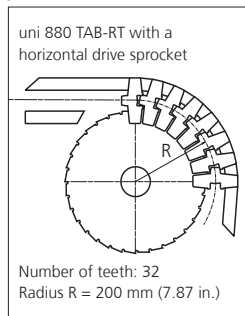
Molded sprocket



Cast iron sprocket



Molded two part sprocket



Please ensure that sufficient size shaft and keyway are chosen for corresponding load.

Non standard material and color:
See uni Material and Color Overview.

Other sprocket sizes are available upon request
Width of tooth: 15.8 mm/0.62 in
Width of sprocket: 42.3 mm/1.67 in
uni Retainer Rings: See uni Retainer Ring data sheet
uni Idler: See uni Idler data sheet

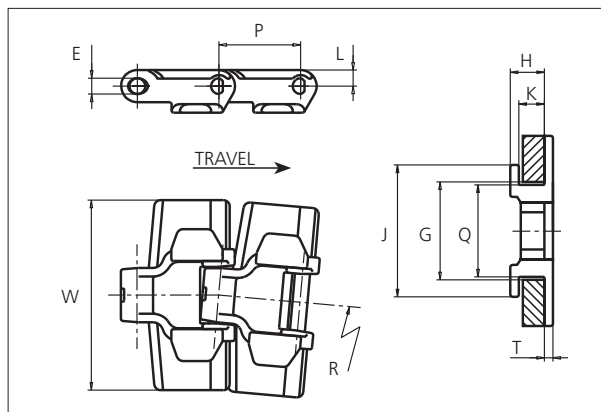
uni 880 Tab RT/160616



Solid advice
For all your belting needs
Local stock & service
www.unichains.com

Slat Top Plastic Chain

Series **uni 880** Type **Tab**



Slat Top Plastic Chain

Side flexing chain
Pitch: 38.1 mm (1.50 in)
Backflex radius:
75.0 mm (3.00 in)
Permissible tensile strength:
POM material:
2250 N (506 lbf)

Standard shipping lengths:
boxes of 80 links
= 3.048 m (10.0 ft)

E		G		H		J		K		L		P		Q		T	
mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in
7.1	0.28	44.5	1.75	15.9	0.63	61.5	2.42	11.9	0.47	7.5	0.30	38.1	1.50	43.1	1.70	4.0	0.16

All dimensions are for chains in POM material.

Width (W)			Material & color		Pin material	Weight		Min. radius (R)	
	mm	in				kg/m	lb/ft	mm	in
K250	63.5	2.50	-		-	-	-	-	-
K325	82.6	3.25	POM-D  G	POM-SLF 	SS304	1.0	0.67	400	15.75
			POM-LF  BR  B	POM-EC 					
K350	88.9	3.50	POM-LF  BR  B		SS304	1.0	0.67	400	15.75
K450	114.3	4.50	POM-D  W  G		SS304	1.1	0.74	400	15.75
			POM-LF  BR  B						
K750	190.5	7.50	POM-D  W  G		SS304	1.5	1.00	400	15.75
			POM-LF  BR  B						

Non standard material and color: See uni Material and Color Overview.

Non standard pin material: See uni Material and Color Overview.

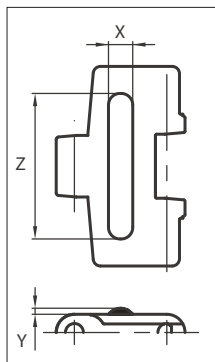
Accessories

Rubber Top



When ordering, please state the required distance between the Rubber Top.

Other Non Standard rubber profiles:
See uni Rubber Profile Overview.



Width	Link material	Rubber material	Z		X		Y	
			mm	in	mm	in	mm	in
K325	POM-LF  BR	05  I	60	2.36	10	0.39	2.5	0.10
K350	POM-LF  BR	05  I	60	2.36	10	0.39	2.5	0.10
K450	POM-LF  BR	05  I	90	3.54	10	0.39	2.5	0.10
K750	POM-LF  BR	05  I	130	5.12	10	0.39	2.5	0.10

Sprocket

No of teeth	Pitch diameter		Overall-diameter		Min. ø bore		Max. ø bore		Hub-diameter		Dimension A		Dimension B		Molded PA6	Molded Cast Iron
	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in		
Z9	111.4	4.39	109.7	4.32	20.0	0.80	40.0	1.60	70.0	2.76	55.9	2.20	63.2	2.49	✓	✓
Z10	123.3	4.85	122.3	4.81	20.0	0.80	40.0	1.60	70.0	2.76	62.2	2.45	69.2	2.72	✓	✓
Z11	135.2	5.32	134.8	5.31	20.0	0.80	40.0	1.60	70.0	2.76	68.4	2.69	75.1	2.96	✓	✓
Z12	147.2	5.80	147.2	5.80	20.0	0.80	40.0	1.60	70.0	2.76	74.6	2.94	81.1	3.19	✓	✓
Z15	183.3	7.22	184.3	7.26	20.0	0.80	40.0	1.60	70.0	2.76	93.2	3.67	99.2	3.91	✓	✓

Two part sprocket

No of teeth	Pitch diameter		Overall-diameter		Min. ø bore		Max. ø bore		Hub-diameter		Dimension A		Dimension B		Molded PA6
	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	
Z9	111.4	4.39	109.7	4.32	20.0	0.80	40.0	1.60	70.0	2.76	55.9	2.20	63.2	2.49	✓
Z10	123.3	4.85	122.3	4.81	20.0	0.80	40.0	1.60	70.0	2.76	62.2	2.45	69.2	2.72	✓
Z11	135.2	5.32	134.8	5.31	20.0	0.80	40.0	1.60	70.0	2.76	68.4	2.69	75.1	2.96	✓
Z12	147.2	5.80	147.2	5.80	20.0	0.80	40.0	1.60	70.0	2.76	74.6	2.94	81.1	3.19	✓

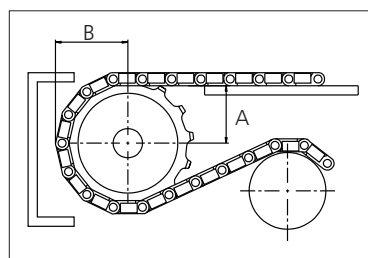
Molded sprocket



Cast iron sprocket



Molded two part sprocket



Please ensure that sufficient size shaft and keyway are chosen for corresponding load.

Other sprocket sizes are available upon request
 Width of tooth: 15.8 mm/0.62 in
 Width of sprocket: 42.3 mm/1.67 in
 uni Retainer Rings: See uni Retainer Ring data sheet
 uni Idler: See uni Idler data sheet

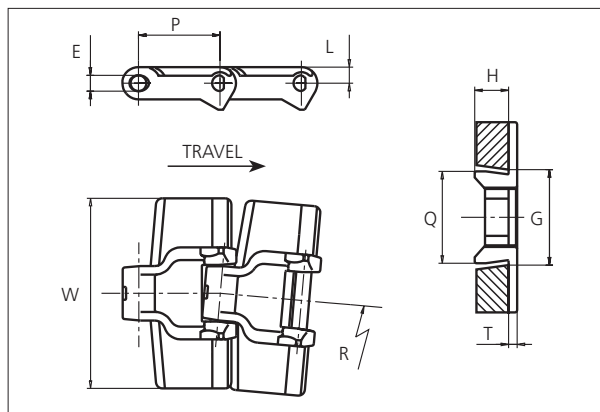
Non standard material and color:
 See uni Material and Color Overview.



Expert advice, quality solutions
 and local service
 for all your belting needs
www.unichains.com

Slat Top Plastic Chain

Series **uni 880** Type -



Slat Top Plastic Chain

Side flexing chain

Pitch: 38.1 mm (1.50 in)

Backflex radius:

75.0 mm (3.00 in)

Permissible tensile strength:

POM material:

2250 N (506 lbf)

Standard shipping lengths:

boxes of 80 links

= 3.048 m (10.0 ft)

E		G*		G**		H		J		K		L		P		Q		T	
mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in
7.1	0.28	41.3	1.63	46.6	1.83	15.9	0.63	61.5	2.42	11.9	0.47	7.5	0.30	38.1	1.50	43.1	1.70	4.0	0.16

*Curve, ** Straight

All dimensions are for chains in POM material.

Width (W)			Material & color	Pin material	Weight		Min. radius (R)	
	mm	in			kg/m	lb/ft	mm	in
K250	63.5	2.50	-	-	-	-	-	-
K325	82.6	3.25	POM-LF BR	SS304	0.9	0.60	400	15.75
K350	88.9	3.50	-	SS304	1.0	0.67	400	15.75
K450	114.3	4.50	POM-LF BR	SS304	1.4	0.94	400	15.75
K750	190.5	7.50	-	-	-	-	-	-

Non standard material and color: See uni Material and Color Overview.

Non standard pin material: See uni Material and Color Overview.

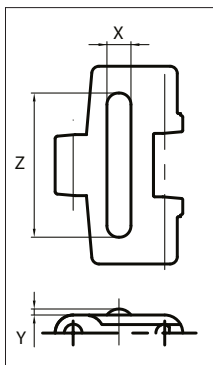
Accessories

Rubber Top



When ordering, please state the required distance between the Rubber Top.

Other Non Standard rubber profiles:
See uni Rubber Profile Overview.



Width	Link material	Rubber material	Z		X		Y	
			mm	in	mm	in	mm	in
K325	POM-LF BR	05 I	60	2.36	10	0.39	2.5	0.10
K350	POM-LF BR	05 I	60	2.36	10	0.39	2.5	0.10
K450	POM-LF BR	05 I	90	3.54	10	0.39	2.5	0.10

Sprocket

No of teeth	Pitch diameter		Overall-diameter		Min. ø bore		Max. ø bore		Hub-diameter		A-dimension		B-dimension		Molded PA6	Molded Cast Iron
	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in		
Z9	111.4	4.39	109.7	4.32	20.0	0.80	40.0	1.60	70.0	2.76	55.9	2.20	63.2	2.49	✓	✓
Z10	123.3	4.85	122.3	4.81	20.0	0.80	40.0	1.60	70.0	2.76	62.2	2.45	69.2	2.72	✓	✓
Z11	135.2	5.32	134.8	5.31	20.0	0.80	40.0	1.60	70.0	2.76	68.4	2.69	75.1	2.96	✓	✓
Z12	147.2	5.80	147.2	5.80	20.0	0.80	40.0	1.60	70.0	2.76	74.6	2.94	81.1	3.19	✓	✓
Z15	183.3	7.22	184.3	7.26	20.0	0.80	40.0	1.60	70.0	2.76	93.2	3.67	99.2	3.91	✓	✓

Two part sprocket

No of teeth	Pitch diameter		Overall-diameter		Min. ø bore		Max. ø bore		Hub-diameter		A-dimension		B-dimension		Molded PA6
	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	
Z9	111.4	4.39	109.7	4.32	20.0	0.80	40.0	1.60	70.0	2.76	55.9	2.20	63.2	2.49	✓
Z10	123.3	4.85	122.3	4.81	20.0	0.80	40.0	1.60	70.0	2.76	62.2	2.45	69.2	2.72	✓
Z11	135.2	5.32	134.8	5.31	20.0	0.80	40.0	1.60	70.0	2.76	68.4	2.69	75.1	2.96	✓
Z12	147.2	5.80	147.2	5.80	20.0	0.80	40.0	1.60	70.0	2.76	74.6	2.94	81.1	3.19	✓

Molded sprocket



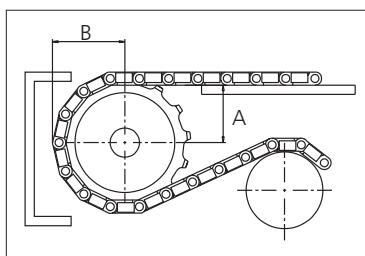
Cast iron sprocket



Molded two part sprocket



Non standard material and color:
See uni Material and Color Overview.



Please ensure that sufficient size shaft and keyway are chosen for corresponding load.

Other sprocket sizes are available upon request
Width of tooth: 15.8 mm/0.62 in
Width of sprocket: 42.3 mm/1.67 in
uni Retainer Rings: See uni Retainer Ring data sheet
uni Idler: See uni Idler data sheet

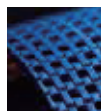
uni 880/160617



Conveyor Belts



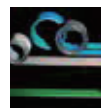
Seamless Belts



Modular Belts



Timing Belts



Transmission Belts



Fabrication & service

Solid advice
For all your belting needs
Local stock & service
www.ammeraalbeltech.com

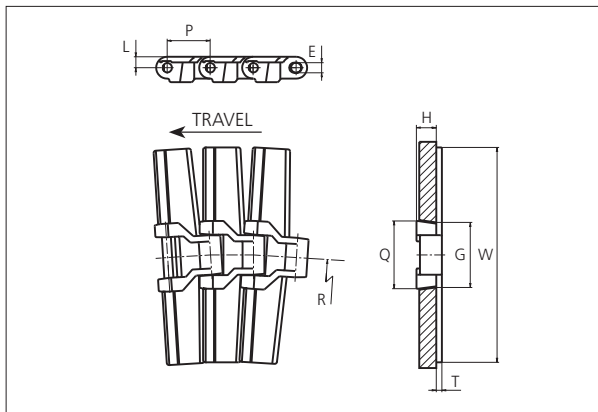
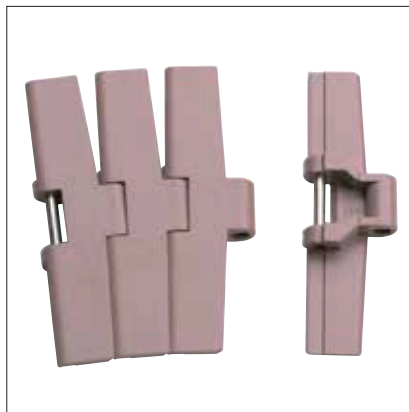
Ammeraal Beltech Modular A/S
Hjulgagervej 21
DK-7100 Vejle

T +45 7572 3100
F +45 7572 3348
admin@unichains.com
www.unichains.com

This information is subject to alteration due to continuous development. Ammeraal Beltech will not be held liable for the incorrect use of the above stated information. This information replaces previous information. All activities performed and services rendered by Ammeraal Beltech are subject to general terms and conditions of sale and delivery, as applied by its operating companies.

Slat Top Plastic Chain

Series **uni 882** Type -



Slat Top Plastic Chain

Side flexing chain

Pitch: 38.1 mm (1.50 in)

Backflex radius:

75.0 mm (3.0 in)

Permissible tensile strength:

POM material:

4000 N (899 lbf)

Standard shipping lengths:

boxes of 80 links

= 3.048 m (10.0 ft)

E		G*		G**		H		L		P		Q		T	
mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in
8.7	0.34	58.0	2.28	63.6	2.50	17.5	0.69	9.5	0.37	38.1	1.50	60.5	2.38	5.0	0.20

*Curve. ** Straight

All dimensions are for chains in POM material.

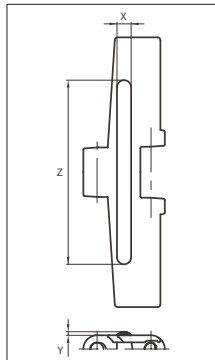
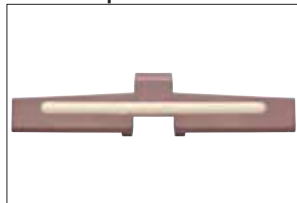
Width (W)			Recommended material & color		Recommended pin material	Weight		Min. radius (R)	
	mm	in				kg/m	lb/ft	mm	in
K450	114.3	4.50	POM-D	BR	SS304	1.8	1.21	610	24.02
			POM-LF	BR					
K750	190.5	7.50	POM-D	BR	SS304	2.2	1.48	610	24.02
			POM-LF	BR					
K1000	254.0	10.00	POM-D	BR	SS304	2.5	1.68	610	24.02
			POM-LF	BR					
K1200	304.8	12.00	POM-D	BR	SS304	2.8	1.88	610	24.02
			POM-LF	BR					

Non standard material and color: See uni Material and Color Overview.

Non standard pin material: See uni Material and Color Overview.

Accessories

Rubber Top



When ordering, please state the required distance between the Rubber Top.

Other Non Standard rubber profiles:
See uni Rubber Profile Overview.

Width	Link material	Rubber material	Z		X		Y	
			mm	in	mm	in	mm	in
K450	POM-LF	05 I	90.0	3.54	10.0	0.39	2.5	0.10
	POM-D	G						
K750	POM-LF	05 I	130.0	5.12	10.0	0.39	2.5	0.10
	POM-D	G						
K1000	POM-LF	05 I	200.0	7.87	10.0	0.39	2.5	0.10
	POM-D	G						
K1200	POM-LF	05 I	295.0	11.61	8.0	0.31	2.5	0.10
	POM-D	G						

Sprocket

No. of teeth	Pitch diameter		Overall diameter		Min. ø bore		Max. ø bore		Hub diameter		Dimension A		Dimension B		Molded PA6	Molded Cast Iron	Machined PA6
	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in			
Z9	111.4	4.39	112.7	4.44	20.0	0.79	45.0	1.77	60.0	2.36	57.1	2.25	65.4	2.57	✓	✓	
Z10	123.3	4.85	125.0	4.92	20.0	0.79	45.0	1.77	65.0	2.56	63.4	2.50	71.3	2.81	✓	✓	
Z11	135.2	5.32	137.4	5.41	20.0	0.79	50.0	1.97	73.5	2.89	69.6	2.74	77.3	3.04	✓	✓	
Z12	147.2	5.80	150.6	5.93	20.0	0.79	50.0	1.97	73.5	2.89	75.8	2.98	83.3	3.28	✓	✓	
Z15	183.3	7.22	186.9	7.36	20.0	0.79	50.0	1.97	120.0	4.72	94.3	3.71	101.3	3.99		✓	✓

Two part sprocket

No. of teeth	Pitch diameter		Overall diameter		Min. ø bore		Max. ø bore		Hub diameter		Dimension A		Dimension B		Molded PA6
	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	
Z9	111.4	4.39	112.7	4.31	20.0	0.79	45.0	1.77	60.0	2.36	57.1	2.25	65.4	2.57	✓
Z10	123.3	4.85	125.0	4.81	20.0	0.79	45.0	1.77	65.0	2.56	63.4	2.50	71.3	2.81	✓
Z11	135.2	5.32	137.4	5.30	20.0	0.79	50.0	1.97	73.5	2.89	69.6	2.74	77.3	3.04	✓
Z12	147.2	5.80	150.6	5.79	20.0	0.79	50.0	1.97	73.5	2.89	75.8	2.98	83.3	3.28	✓

Molded sprocket



Cast iron sprocket



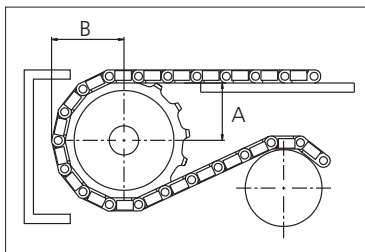
Machined sprocket



Molded two part sprocket



Non standard material and color:
See uni Material and Color Overview.



Please ensure that sufficient size shaft and keyway are chosen for corresponding load.

Other sprocket sizes are available upon request

Width of tooth: 22.20 mm/0.87 in

Width of sprocket: 42.3 mm/1.70 in

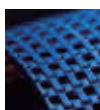
uni Retainer Rings: See uni Retainer Ring data sheet



Conveyor Belts



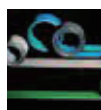
Seamless Belts



Modular Belts



Timing Belts



Transmission Belts

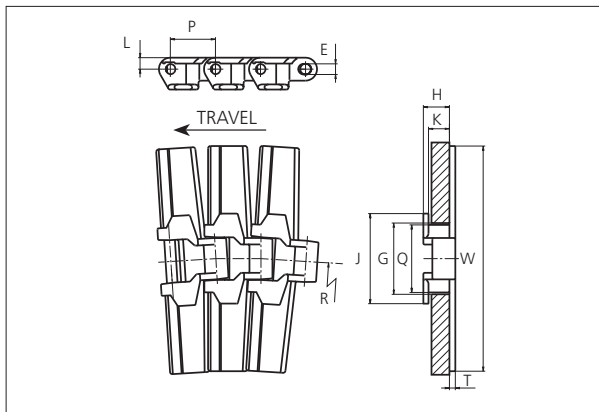
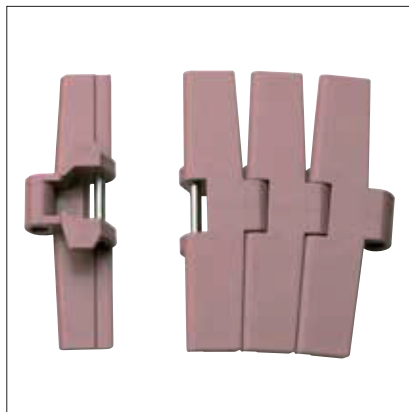


Fabrication & service

Solid advice
For all your belting needs
Local stock & service
www.unichains.com

Slat Top Plastic Chain

Series **uni 882** Type **Tab**



Slat Top Plastic Chain

Side flexing chain
Pitch: 38.1 mm (1.50 in)
Backflex radius:
75.0 mm (3.0 in)
Permissible tensile strength:
POM material:
4000 N (899 lbf)

Standard shipping lengths:
boxes of 80 links
= 3.048 m (10.0 ft)

E		G		H		J		K		L		P		Q		T	
mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in
8.7	0.34	59.5	2.34	22.2	0.87	76.2	3.00	17.5	0.69	9.5	0.37	38.1	1.50	57.2	2.25	5.0	0.20

All dimensions are for chains in POM material.

	Width (W)		Material & color	Pin material	Weight		Min. radius (R)	
	mm	in			kg/m	lb/ft	mm	in
K450	114.3	4.50	POM-LF BR B	SS304	1.9	1.28	610	24.02
K750	190.5	7.50	POM-D G POM-LF BR B	SS304	2.3	1.55	610	24.02
K1000	254.0	10.00	POM-D W POM-LF BR B	SS304	2.7	1.81	610	24.02
K1200	304.8	12.00	POM-D W G POM-LF BR B	SS304	2.9	1.95	610	24.02
K1500	381.0	15.00	POM-LF BR B	SS304	3.1	2.08	700*	27.56*
K1600	406.4	16.00	POM-LF BR B	SS304	3.2	2.15	700*	27.56*

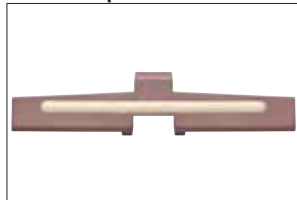
Non standard material and color: See uni Material and Color Overview.

Non standard pin material: See uni Material and Color Overview.

* For uni 882 Tab-K1500 and uni 882 Tab-K1600 we recommend minimum turn radius 700 mm/27.56 in because of the chain width and the danger of links overlapping.

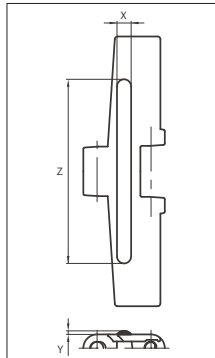
Accessories

Rubber Top



When ordering, please state the required distance between the Rubber Top.

Other Non Standard rubber profiles:
See uni Rubber Profile Overview.



Width	Link material	Rubber material	Z		X		Y	
			mm	in	mm	in	mm	in
K450	POM-LF BR	05 I	90.0	3.54	10.0	0.39	2.5	0.10
K750	POM-LF BR POM-D G	05 I	130.0	5.12	10.0	0.39	2.5	0.10
K1000	POM-LF BR	05 I	200.0	7.87	10.0	0.39	2.5	0.10
K1200	POM-LF BR POM-D G	05 I	295.0	11.61	8.0	0.31	2.5	0.10
K1500	POM-LF BR	05 I	295.0	11.61	8.0	0.31	2.5	0.10
K1600	POM-LF BR	05 I	295.0	11.61	8.0	0.31	2.5	0.10

Sprocket

No of teeth	Pitch diameter		Overall-diameter		Min. ø bore		Max. ø bore		Hub-diameter		Dimension A		Dimension B		Molded PA6	Molded Cast Iron	Machined PA6
	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in			
Z9	111.4	4.39	112.7	4.44	20.0	0.79	45.0	1.77	60.0	2.36	57.1	2.25	65.4	2.57	✓	✓	
Z10	123.3	4.85	125.0	4.92	20.0	0.79	45.0	1.77	65.0	2.56	63.4	2.50	71.3	2.81	✓	✓	
Z11	135.2	5.32	137.4	5.41	20.0	0.79	50.0	1.97	73.5	2.89	69.6	2.74	77.3	3.04	✓	✓	
Z12	147.2	5.80	150.6	5.93	20.0	0.79	50.0	1.97	73.5	2.89	75.8	2.98	83.3	3.28	✓	✓	
Z15	183.3	7.22	186.9	7.36	20.0	0.79	50.0	1.97	120.0	4.72	94.3	3.71	101.3	3.99		✓	✓

Two part sprocket

No of teeth	Pitch diameter		Overall-diameter		Min. ø bore		Max. ø bore		Hub-diameter		Dimension A		Dimension B		Molded PA6
	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	
Z9	111.4	4.39	112.7	4.31	20.0	0.79	45.0	1.77	60.0	2.36	57.1	2.25	65.4	2.57	✓
Z10	123.3	4.85	125.0	4.81	20.0	0.79	45.0	1.77	65.0	2.56	63.4	2.50	71.3	2.81	✓
Z11	135.2	5.32	137.4	5.30	20.0	0.79	50.0	1.97	73.5	2.89	69.6	2.74	77.3	3.04	✓
Z12	147.2	5.80	150.6	5.79	20.0	0.79	50.0	1.97	73.5	2.89	75.8	2.98	83.3	3.28	✓

Molded sprocket



Cast iron sprocket



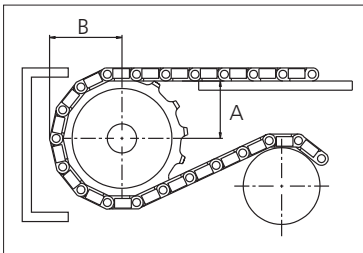
Machined sprocket



Molded two part sprocket



Non standard material and color:
See uni Material and Color Overview.



Please ensure that sufficient size shaft and keyway are chosen for corresponding load.

Other sprocket sizes are available upon request

Width of tooth: 22.20 mm/0.87 in

Width of sprocket: 42.3 mm/1.70 in

uni Retainer Rings: See uni Retainer Ring data sheet

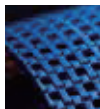
uni 882 Tab/160624



Conveyor Belts



Seamless Belts



Modular Belts



Timing Belts



Transmission Belts

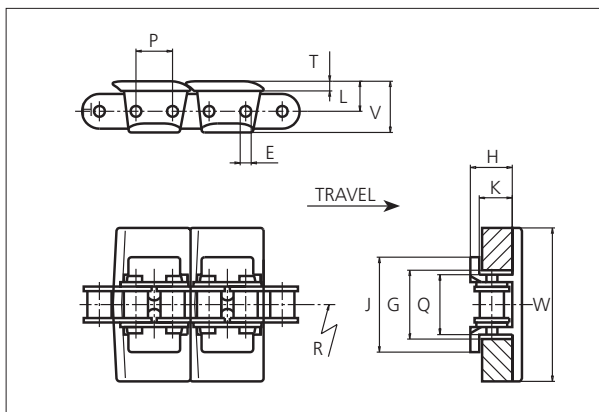


Fabrication & service

Expert advice, quality solutions
and local service
for all your belting needs
www.unichains.com

Snap-On Plastic Chain

Series **uni 1843** Type -



Snap-On Plastic Chain

Side flexing chain

Pitch: 12.7 mm (0.50 in)

Backflex radius: 155.0 mm (6.10 in)

Permissible tensile strength:

uni 1843 with (SS304) stainless

steel chain: 1500 N (340 lbf)

uni 1843 with carbon steel

chain: 2000 N (450 lbf)

Standard shipping lengths:

No. of roller chain links/box:

240 = 3.048 m (10.0 ft)

No. of flights/box:

120 = 3.048 m (10.0 ft)

E		G		H		J		K		L		P		Q		T		V	
mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in
3.6	0.14	22.0	0.87	13.8	0.54	31.4	1.24	10.8	0.43	9.3	0.37	12.7	0.50	19.8	0.78	3.3	0.13	17.1	0.67

All dimensions are for chains in POM material.

All Snap-On versions can be delivered either with a stainless steel chain (SS304) or a carbon steel chain.

	Width (W)		Flight material & color	Chain material	Weight		Min. radius R	
	mm	in			kg/m	lb/ft	mm	in
K125	31.5	1.25	POM-LFI BR	SS304 or Carbon steel	0.8	0.54	254.0	10.00
K150	37.9	1.50	-	-	-	-	-	-
K200	50.6	2.00	POM-LFI BR	SS304 or Carbon steel	0.9	0.60	254.0	10.00
K325	82.6	3.25	POM-LFI BR	SS304 or Carbon steel	1.0	0.67	254.0	10.00

Non standard material and color: See uni Material and Color Overview.

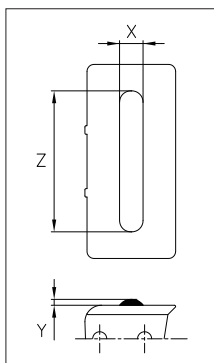
Accessories

Rubber Top / NON STANDARD



When ordering, please state the required distance between the Rubber Top.

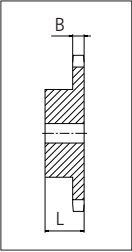
Other Non Standard rubber profiles:
See uni Rubber Profile Overview.



Width	Recommended link material	Recommended rubber material	Z		X		Y	
			mm	in	mm	in	mm	in
K125	POM-LFI BR	05 I	25.0	0.98	10.0	0.39	3.0	0.12
K150	POM-LFI BR	05 I	30.0	1.18	10.0	0.39	1.0	0.04
K200	POM-LFI BR	05 I	40.0	1.57	10.0	0.39	0.5	0.02
K325	POM-LFI BR	05 I	60.0	2.32	10.0	0.39	5.0	0.20

Sprocket

No of teeth	Pitch diameter		Hub diameter		Overall width L		Tooth width B		Bore		Machined S1045
	mm	in	mm	in	mm	in	mm	in	mm	in	
Z18	73.1	2.88	56.0	2.20	28.0	1.10	7.2	0.28	12.0	0.47	✓
Z25	101.3	3.99	70.0	2.76	28.0	1.10	7.2	0.28	14.0	0.55	✓



Please ensure that sufficient size shaft and keyway are chosen for corresponding load.

Non standard material and color:
See uni Material and Color Overview.

Other sprocket sizes are available upon request.
uni Retainer Rings: See uni Retainer Ring data sheet.

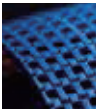
uni 1843 Tab/170501



Conveyor Belts



Seamless Belts



Modular Belts



Timing Belts



Transmission Belts

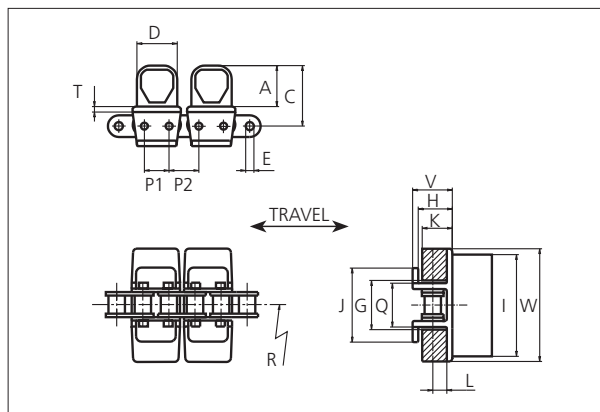


Fabrication & service

Solid advice
For all your belting needs
Local stock & service
www.unichains.com

Snap-On Plastic Chain

Series **uni 1873** Type **Grip D**



Snap-On Plastic Chain

Side flexing chain

Pitch: 19.1 mm (0.75 in)

Backflex radius: 150.0 mm (5.90 in)

Permissible tensile strength:

uni 1873 Grip D (SS304) stainless

steel chain: 2000 N (450 lbf)

uni 1873 Grip D carbon steel

chain: 4000 N (900 lbf)

Standard shipping lengths:

No. of roller chain links/box:

320 = 6.096 m (20.0 ft)

No. of flights/box:

160 = 6.096 m (20.0 ft)

A		C		D		E		G		H		I		J	
mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in
30.0	1.18	45.3	1.78	29.6	1.17	5.1	0.20	34.9	1.37	25.9	1.02	78.5	3.09	54.4	2.14
K		L		P1		P2		Q		T		V			
mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in
20.6	0.81	10.3	0.41	18.1	0.71	20.1	0.79	31.8	1.25	5.0	0.20	30.0	1.18		

All dimensions are for chains in POM material.

All Snap-On versions can be delivered either with a stainless steel chain (SS304) or a carbon steel chain.

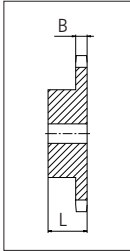
Width (W)			Flight material & color	Chain material	Weight		Min. radius R	
	mm	in			kg/m	lb/ft	mm	in
K325	82.6	3.25	POM-LFI BR – 04 K	SS304 or Carbon steel	2.9	1.95	356.0	14.02

Non standard material and color: See uni Material and Color Overview.

Sprocket

No of teeth	Pitch diameter		Hub diameter		Overall width L		Tooth width B		Bore		Machined S1045
	mm	in	mm	in	mm	in	mm	in	mm	in	
Z19	115.7	4.56	80.0	3.15	35.0	1.38	11.7	0.46	16.0	0.63	✓
Z20	121.8	4.79	80.0	3.15	35.0	1.38	11.7	0.46	16.0	0.63	✓
Z25	152.0	5.98	90.0	3.54	40.0	1.57	11.7	0.46	20.0	0.79	✓

Non standard material and color:
See uni Material and Color Overview.



Please ensure that sufficient size shaft and keyway are chosen for corresponding load.

Other sprocket sizes are available upon request.
uni Retainer Rings: See uni Retainer Ring data sheet.

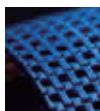
uni 1873 GRIP D/160624



Conveyor Belts



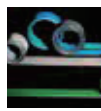
Seamless Belts



Modular Belts



Timing Belts



Transmission Belts

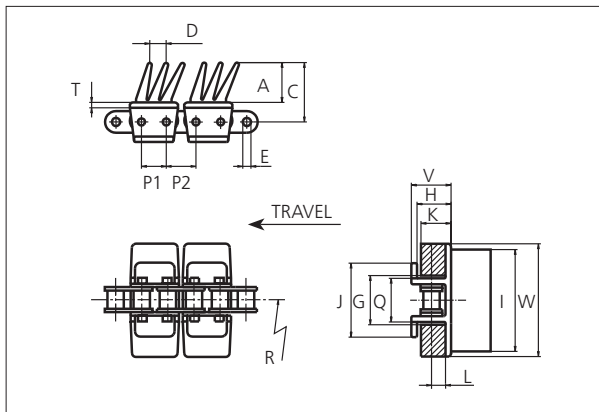
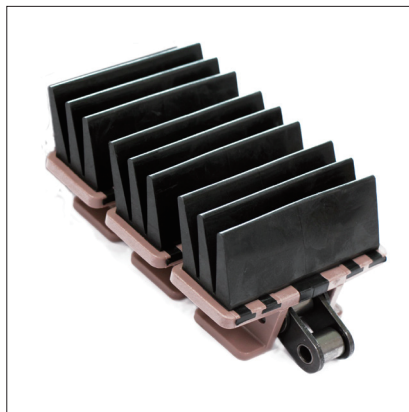


Fabrication & service

Solid advice
For all your belting needs
Local stock & service
www.unichains.com

Snap-On Plastic Chain

Series **uni 1873** Type **Grip G3**



Snap-On Plastic Chain

Side flexing chain

Pitch: 19.1 mm (0.75 in)

Backflex radius: 150.0 mm (5.90 in)

Permissible tensile strength:

uni 1873 Grip G3 (uni 304)

stainless steel chain: 2000 N (450 lbf)

uni 1873 Grip G3 carbon steel

chain: 4000 N (900 lbf)

Standard shipping lengths:

No. of roller chain links/box:

320 = 6.096 m (20.0 ft)

No. of flights/box:

160 = 6.096 m (20.0 ft)

A		C		D		E		G		H		I		J	
mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in
29.0	1.14	44.3	1.74	12.0	0.47	5.1	0.20	34.9	1.37	25.9	1.02	75.0	2.95	54.4	2.14
K		L		P1		P2		Q		T		V			
mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in		
20.6	0.81	10.3	0.41	18.1	0.71	20.1	0.79	31.8	1.25	5.0	0.20	30.0	1.18		

All dimensions are for chains in POM material.

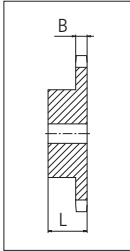
All Snap-On versions can be delivered either with a stainless steel chain (uni 304) or a carbon steel chain.

Width (W)			Recommended flight material & color	Recommended chain material	Weight		Min. radius R	
	mm	in			kg/m	lb/ft	mm	in
K325	82.6	3.25	POM-DI  - 01  POM-LFI  - 04 	SS304 or Carbon steel	-	-	-	-

Non standard material and color: See uni Material and Color Overview.

Sprocket

No of teeth	Pitch diameter		Hub diameter		Overall width L		Tooth width B		Bore		Machined S1045
	mm	in	mm	in	mm	in	mm	in	mm	in	
Z19	115.7	4.56	80.0	3.15	35.0	1.38	11.7	0.46	16.0	0.63	✓
Z20	121.8	4.79	80.0	3.15	35.0	1.38	11.7	0.46	16.0	0.63	✓
Z25	152.0	5.98	90.0	3.54	40.0	1.57	11.7	0.46	20.0	0.79	✓



Please ensure that sufficient size shaft and keyway are chosen for corresponding load.

Non standard material and color:
See uni Material and Color Overview.

Other sprocket sizes are available upon request.
uni Retainer Rings: See uni Retainer Ring data sheet.

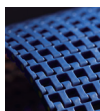
uni 1873 Grip G3/170922



Conveyor Belts



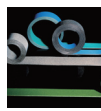
Seamless Belts



Modular Belts



Timing Belts



Transmission Belts

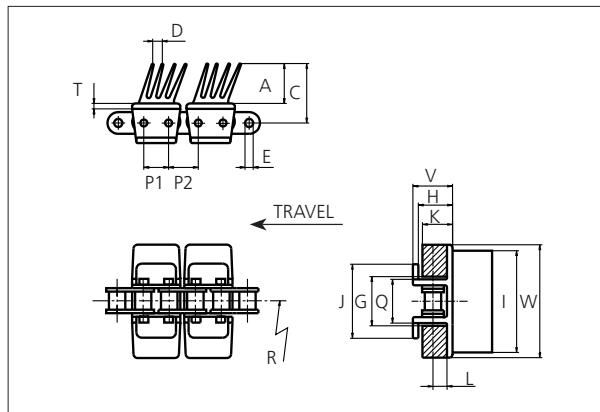
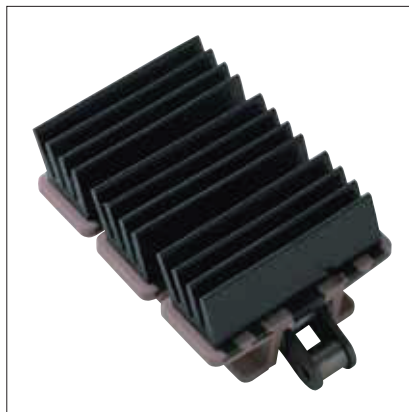


Fabrication & service

Expert advice, quality solutions
and local service
for all your belting needs
www.unichains.com

Snap-On Plastic Chain

Series **uni 1873** Type **Grip G4**



Snap-On Plastic Chain

Side flexing chain

Pitch: 19.1 mm (0.75 in)

Backflex radius: 150.0 mm (5.90 in)

Permissible tensile strength:

uni 1873 Grip G4 (SS304) stainless

steel chain: 2000 N (450 lbf)

uni 1873 Grip G4 carbon steel chain:

4000 N (900 lbf)

Standard shipping lengths:

No. of roller chain links/box:

320 = 6.096 m (20.0 ft)

No. of flights/box:

160 = 6.096 m (20.0 ft)

A		C		D		E		G		H		I (K325)		I (K450)	
mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in
29.0	1.14	44.3	1.74	9.0	0.35	5.1	0.20	34.9	1.37	25.9	1.02	75.0	2.95	106.0	4.17
J		K		L		P1		P2		Q		T		V	
mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in
54.4	2.14	20.6	0.81	10.3	0.41	18.1	0.71	20.1	0.79	31.8	1.25	5.0	0.20	30.0	1.18

All dimensions are for chains in POM material.

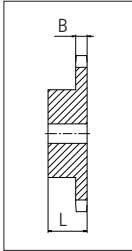
All Snap-On versions can be delivered either with a stainless steel chain (SS304) or a carbon steel chain.

Width (W)			Flight material & color	Chain material	Weight		Min. radius R	
	mm	in			kg/m	lb/ft	mm	in
K325	82.6	3.25	POM-LFI BR – 04 K	SS304 or Carbon steel	3.0	2.02	356.0	14.02
K450	114.3	4.50	-	-	-	-	-	-

Non standard material and color: See uni Material and Color Overview.

Sprocket

No of teeth	Pitch diameter		Hub diameter		Overall width L		Tooth width B		Bore		Machined S1045
	mm	in	mm	in	mm	in	mm	in	mm	in	
Z19	115.7	4.56	80.0	3.15	35.0	1.38	11.7	0.46	16.0	0.63	✓
Z20	121.8	4.79	80.0	3.15	35.0	1.38	11.7	0.46	16.0	0.63	✓
Z25	152.0	5.98	90.0	3.54	40.0	1.57	11.7	0.46	20.0	0.79	✓



Please ensure that sufficient size shaft and keyway are chosen for corresponding load.

Non standard material and color:
See uni Material and Color Overview.

Other sprocket sizes are available upon request.
uni Retainer Rings: See uni Retainer Ring data sheet.

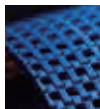
uni 1873 Grip G4/160621



Conveyor Belts



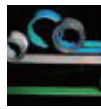
Seamless Belts



Modular Belts



Timing Belts



Transmission Belts

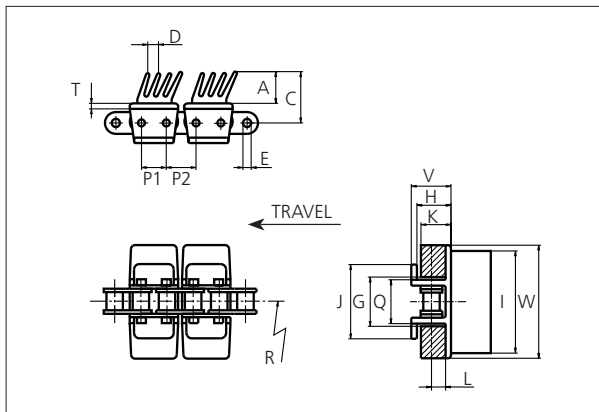
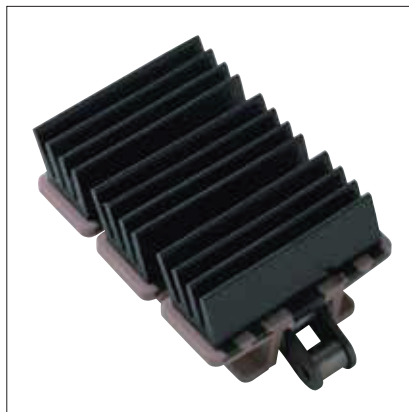


Fabrication & service

Solid advice
For all your belting needs
Local stock & service
www.unichains.com

Snap-On Plastic Chain

Series **uni 1873** Type **Grip G4L**



Snap-On Plastic Chain

Side flexing chain

Pitch: 19.1 mm (0.75 in)

Backflex radius: 150.0 mm (5.90 in)

Permissible tensile strength:

uni 1873 Grip G4L (SS304) stainless

steel chain: 2000 N (450 lbf)

uni 1873 Grip G4L carbon steel

chain: 4000 N (900 lbf)

Standard shipping lengths:

No. of roller chain links/box:

320 = 6.096 m (20.0 ft)

No. of flights/box:

160 = 6.096 m (20.0 ft)

A		C		D		E		G		H		I		J	
mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in
21.0	0.83	36.3	1.43	12.0	0.47	5.1	0.20	34.9	1.37	25.9	1.02	75.0	2.95	54.4	2.14
K		L		P1		P2		Q		T		V			
mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in		
20.6	0.81	10.3	0.41	18.1	0.71	20.1	0.79	31.8	1.25	5.0	0.20	30.0	1.18		

All dimensions are for chains in POM material.

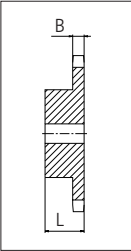
All Snap-On versions can be delivered either with a stainless steel chain (SS304) or a carbon steel chain.

Width (W)			Flight material & color	Chain material	Weight		Min. radius R	
	mm	in			kg/m	lb/ft	mm	in
K325	82.6	3.25	POM-LFI BR – 04 K	SS304 or Carbon steel	3.2	2.15	356.0	14.02

Non standard material and color: See uni Material and Color Overview.

Sprocket

No of teeth	Pitch diameter		Hub diameter		Overall width L		Tooth width B		Bore		Machined S1045
	mm	in	mm	in	mm	in	mm	in	mm	in	
Z19	115.7	4.56	80.0	3.15	35.0	1.38	11.7	0.46	16.0	0.63	✓
Z20	121.8	4.79	80.0	3.15	35.0	1.38	11.7	0.46	16.0	0.63	✓
Z25	152.0	5.98	90.0	3.54	40.0	1.57	11.7	0.46	20.0	0.79	✓



Please ensure that sufficient size shaft and keyway are chosen for corresponding load.

Non standard material and color:
See uni Material and Color Overview.

Other sprocket sizes are available upon request.
uni Retainer Rings: See uni Retainer Ring data sheet.

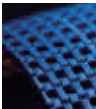
uni 1873 Grip G4L/160621



Conveyor Belts



Seamless Belts



Modular Belts



Timing Belts



Transmission Belts

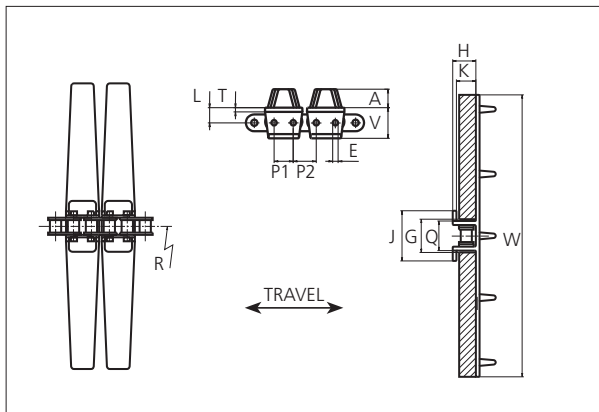


Fabrication & service

Solid advice
For all your belting needs
Local stock & service
www.unichains.com

Snap-On Plastic Chain

Series **uni 1873** Type **SE**



Snap-On Plastic Chain

Side flexing chain

Pitch: 19.1 mm (0.75 in)

Backflex radius: 150.0 mm (5.90 in)

Permissible tensile strength:

uni 1873 SE with (SS304) stainless

steel chain: 2000 N (450 lbf)

uni 1873 SE with carbon steel

chain: 4000 N (900 lbf)

Delivery:

3.048 m (10 ft)

No. of links/box: 160

No. of flights/box: 80

A		E		G		H		J		K	
mm	in	mm	in	mm	in	mm	in	mm	in	mm	in
14.4	2.14	5.1	0.20	34.9	1.37	25.0	0.98	54.4	2.14	21.0	0.83
L		P1		P2		Q		T		V	
mm	in	mm	in	mm	in	mm	in	mm	in	mm	in
14.3	0.56	18.1	0.71	20.1	0.79	31.8	1.25	4.0	0.16	29.0	1.14

All dimensions are for chains in POM material.

All Snap-On versions can be delivered either with a stainless steel chain (SS304) or a carbon steel chain.

Width (W)			Recommended flight material & color	Recommended chain material	Weight		Min. radius R	
	mm	in			kg/m	lb/ft	mm	in
K1200	304.8	12.00	POM-DI 	Carbon steel	3.5	2.35	457.0	17.99
K1200	304.8	12.00	POM-DI G	SS304 or Carbon steel	3.5	2.35	457.0	17.99

Non standard material and color: See uni Material and Color Overview.

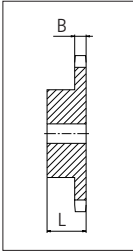
NON STANDARD

SIDE FLEXING

PITCH 19.1 MM/0.75 IN

Sprocket

No of teeth	Pitch diameter		Hub diameter		Overall width L		Tooth width B		Bore		Machined S1045
	mm	in	mm	in	mm	in	mm	in	mm	in	
Z19	115.7	4.56	80.0	3.15	35.0	1.38	11.7	0.46	16.0	0.63	x
Z20	121.8	4.79	80.0	3.15	35.0	1.38	11.7	0.46	16.0	0.63	x
Z25	152.0	5.98	90.0	3.54	40.0	1.57	11.7	0.46	20.0	0.79	x



Please ensure that sufficient size shaft and keyway are chosen for corresponding load.

Non standard material and color:
See uni Material and Color Overview.

Other sprocket sizes are available upon request.
uni Retainer Rings: See uni Retainer Ring data sheet.

uni 1873 SE/1311



Conveyor



Seamless



Modular



Timing



Transmission

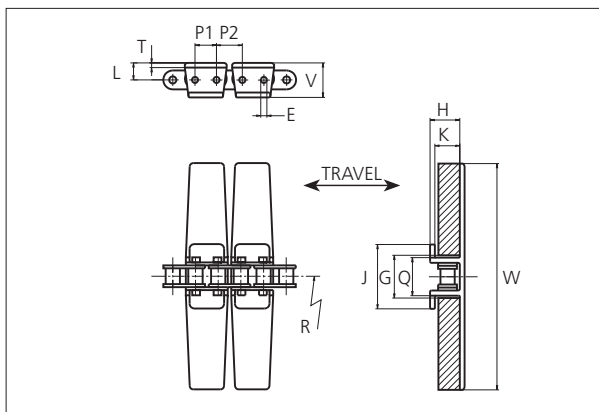


Fabrication & service

Solid advice
For all your belting needs
Local stock & service
www.unichains.com

Snap-On Plastic Chain

Series **uni 1873** Type -



Snap-On Plastic Chain

Side flexing chain

Pitch: 19.1 mm (0.75 in)

Backflex radius: 150.0 mm (5.90 in)

Permissible tensile strength:

uni 1873 with (SS304) stainless steel

chain: 2000 N (450 lbf)

uni 1873 with carbon steel

chain: 4000 N (900 lbf)

Standard shipping lengths:

No. of roller chain links/box:

160 = 3.048 m (10.0 ft)

No. of flights/box:

80 = 3.048 m (10.0 ft)

E		G		H		J		K		L		P1		P2		Q		T		V	
mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in
5.1	0.20	34.9	1.37	25.0	0.98	54.5	2.15	21.0	0.83	14.3	0.56	18.1	0.71	20.1	0.79	31.8	1.25	4.0	0.16	29.0	1.14

All dimensions are for chains in POM material.

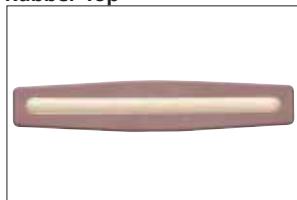
All Snap-On versions can be delivered either with a stainless steel chain (SS304) or a carbon steel chain.

	Width (W)		Flight material & color	Chain material	Weight		Min. radius R	
	mm	in			kg/m	lb/ft	mm	in
K225	57.2	2.25	-	-	-	-	-	-
K250	63.5	2.50	-	-	-	-	-	-
K325	82.6	3.25	POM-LFI BR	SS304 or Carbon steel	2.1	1.41	356.0	14.02
K450	114.3	4.50	POM-DI G	SS304 or Carbon steel	2.3	1.55	356.0	14.02
K600	152.4	6.00	-	-	-	-	-	-
K750	190.5	7.50	-	-	-	-	-	-
K1000	254.0	10.00	-	-	-	-	-	-
K1200	304.8	12.00	POM-LFI BR	SS304 or Carbon steel	3.0	2.02	457.0	17.99

Non standard material and color: See uni Material and Color Overview.

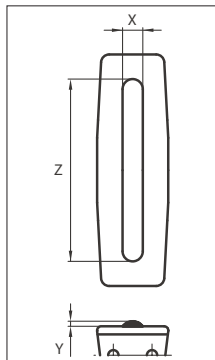
Accessories

Rubber Top



When ordering, please state the required distance between the Rubber Top.

Other Non Standard rubber profiles:
See uni Rubber Profile Overview.

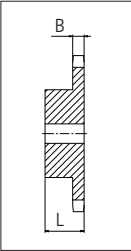


Width	Link material	Rubber material	Z		X		Y	
			mm	in	mm	in	mm	in
K325	POM-LFI BR	05 I	60.0	2.36	10.0	0.39	2.5	0.10
K450	POM-DI G	05 I	90.0	3.54	10.0	0.39	2.5	0.10
K1200	POM-LFI BR	05 I	295.0	11.61	8.0	0.31	2.5	0.10

Sprocket

No of teeth	Pitch diameter		Hub diameter		Overall width L		Tooth width B		Bore		Machined S1045
	mm	in	mm	in	mm	in	mm	in	mm	in	
Z19	115.7	4.56	80.0	3.15	35.0	1.38	11.7	0.46	16.0	0.63	✓
Z20	121.8	4.79	80.0	3.15	35.0	1.38	11.7	0.46	16.0	0.63	✓
Z25	152.0	5.98	90.0	3.54	40.0	1.57	11.7	0.46	20.0	0.79	✓

Non standard material and color:
See uni Material and Color Overview.



Please ensure that sufficient size shaft and keyway are chosen for corresponding load.

Other sprocket sizes are available upon request.
uni Retainer Rings: See uni Retainer Ring data sheet.

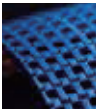
uni 1873/160621



Conveyor Belts



Seamless Belts



Modular Belts



Timing Belts



Transmission Belts

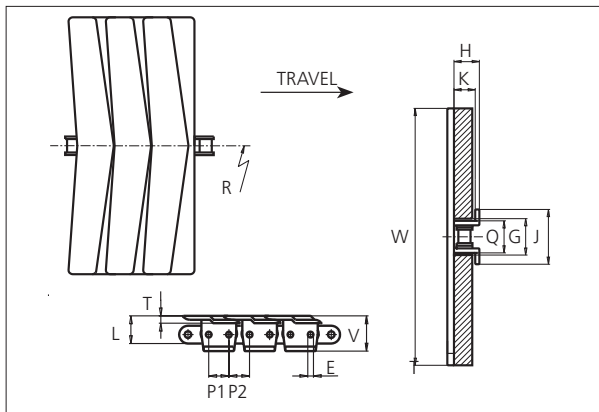


Fabrication & service

Solid advice
For all your belting needs
Local stock & service
www.unichains.com

Snap-On Plastic Chain

Series **uni 3873** Type -



Snap-On Plastic Chain

Side flexing chain

Pitch: 19.1 mm (0.75 in)

Backflex radius: 150.0 mm (5.90 in)

Permissible tensile strength:

uni 3873 with (SS304) stainless steel

chain: 2000 N (450 lbf)

uni 3873 with carbon steel

chain: 4000 N (900 lbf)

Standard shipping lengths:

No. of roller chain links/box:

160 = 3.048 m (10.0 ft)

No. of flights/box:

80 = 3.048 m (10.0 ft)

E		G		H		J		K		L		P1		P2		Q		T		V	
mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in
5.1	0.20	34.9	1.37	24.9	0.98	54.2	2.13	21.0	0.83	16.6	0.65	18.1	0.71	20.1	0.79	31.8	1.25	6.6	0.26	29.0	1.14

All dimensions are for chains in POM material.

All Snap-On versions can be delivered either with a stainless steel chain (SS304) or a carbon steel chain.

Width (W)			Flight material & color	Chain material	Weight		Min. radius R	
	mm	in			kg/m	lb/ft	mm	in
K1000	254.0	10.00	POM-LFI BR	SS304 or Carbon steel	3.5	2.35	356.0	14.02

Non standard material and color: See uni Material and Color Overview.

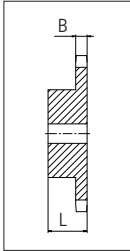
STANDARD

SIDE FLEXING

PITCH 19.1 MM/0.75 IN

Sprocket

No of teeth	Pitch diameter		Hub diameter		Overall width L		Tooth width B		Bore		Machined S1045
	mm	in	mm	in	mm	in	mm	in	mm	in	
Z19	115.7	4.56	80.0	3.15	35.0	1.38	11.7	0.46	16.0	0.63	✓
Z20	121.8	4.79	80.0	3.15	35.0	1.38	11.7	0.46	16.0	0.63	✓
Z25	152.0	5.98	90.0	3.54	40.0	1.57	11.7	0.46	20.0	0.79	✓



Please ensure that sufficient size shaft and keyway are chosen for corresponding load.

Non standard material and color:
See uni Material and Color Overview.

Other sprocket sizes are available upon request.
uni Retainer Rings: See uni Retainer Ring data sheet.

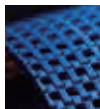
uni 3873/160621



Conveyor Belts



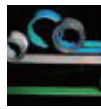
Seamless Belts



Modular Belts



Timing Belts



Transmission Belts

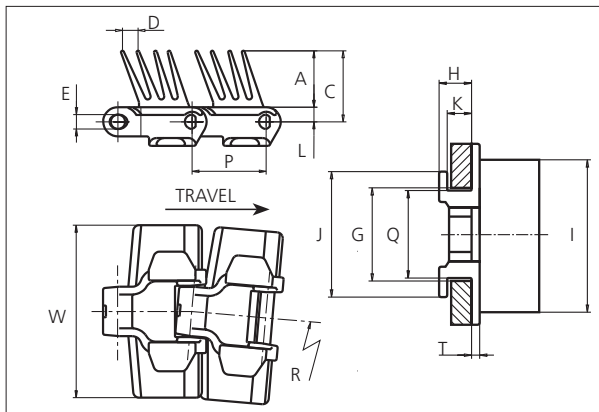


Fabrication & service

Solid advice
For all your belting needs
Local stock & service
www.unichains.com

Special Plastic Chain

Series **uni 879** Type **Tab R G4**



Special Plastic Chain

Side flexing chain

Pitch: 38.1 mm (1.50 in)

Backflex radius:

200 mm (7.87 in)

Permissible tensile strength:

POM material:

2250 N (506 lbf)

Standard shipping lengths:

boxes of 80 links

= 3.048 m (10.0 ft)

A		C		D		E		G		H		I		J		K		L		P		Q		T	
mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in
29.0	1.14	37.5	1.48	9.0	0.36	7.1	0.28	44.5	1.75	15.9	0.63	75.0	2.95	61.5	2.42	11.9	0.47	8.5	0.33	38.1	1.50	42.9	1.69	5.0	0.20

All dimensions are for chains in POM material.

Width (W)			Recommended material & color	Pin material	Weight		Min. radius (R)	
	mm	in			kg/m	lb/ft	mm	in
K325	82.6	3.25	POM-LF BR 04 K	SS304	1.3	0.87	200	7.87

Non standard material and color. See uni Material and Color Overview.

Non standard pin material: See uni Material and Color Overview.

Sprocket

No. of teeth	Pitch diameter		Overall diameter		Min. ø bore		Max. ø bore		Hub diameter		Dimension A		Dimension B		Molded PAG	Molded Cast Iron
	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in		
Z9	111.4	4.39	109.7	4.32	20.0	0.80	40.0	1.60	70.0	2.76	55.9	2.20	63.2	2.49	✓	✓
Z10	123.3	4.85	122.3	4.81	20.0	0.80	40.0	1.60	70.0	2.76	62.2	2.45	69.2	2.72	✓	✓
Z11	135.2	5.32	134.8	5.31	20.0	0.80	40.0	1.60	70.0	2.76	68.4	2.69	75.1	2.96	✓	✓
Z12	147.2	5.80	147.2	5.80	20.0	0.80	40.0	1.60	70.0	2.76	74.6	2.94	81.1	3.19	✓	✓
Z15	183.3	7.22	184.3	7.26	20.0	0.80	40.0	1.60	70.0	2.76	93.2	3.67	99.2	3.91	✓	✓

Two part sprocket

No. of teeth	Pitch diameter		Overall diameter		Min. ø bore		Max. ø bore		Hub diameter		Dimension A		Dimension B		Molded PA6
	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	
Z9	111.4	4.39	109.7	4.32	20.0	0.80	40.0	1.60	70.0	2.76	55.9	2.20	63.2	2.49	✓
Z10	123.3	4.85	122.3	4.81	20.0	0.80	40.0	1.60	70.0	2.76	62.2	2.45	69.2	2.72	✓
Z11	135.2	5.32	134.8	5.31	20.0	0.80	40.0	1.60	70.0	2.76	68.4	2.69	75.1	2.96	✓
Z12	147.2	5.80	147.2	5.80	20.0	0.80	40.0	1.60	70.0	2.76	74.6	2.94	81.1	3.19	✓

Molded sprocket



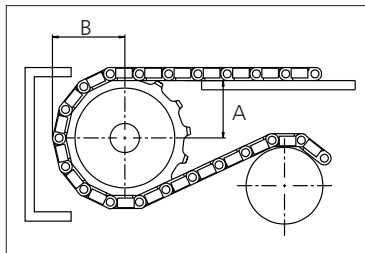
Cast iron sprocket



Molded two part sprocket

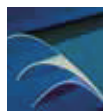


Non standard material and color:
See uni Material and Color Overview.



Please ensure that sufficient size shaft and keyway are chosen for corresponding load.

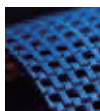
Other sprocket sizes are available upon request
Width of tooth: 15.8 mm/0.62 in
Width of sprocket: 42.3 mm/1.67 in
uni Retainer Rings: See uni Retainer Ring data sheet
uni Idler: See uni Idler data sheet



Conveyor Belts



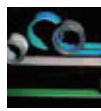
Seamless Belts



Modular Belts



Timing Belts



Transmission Belts

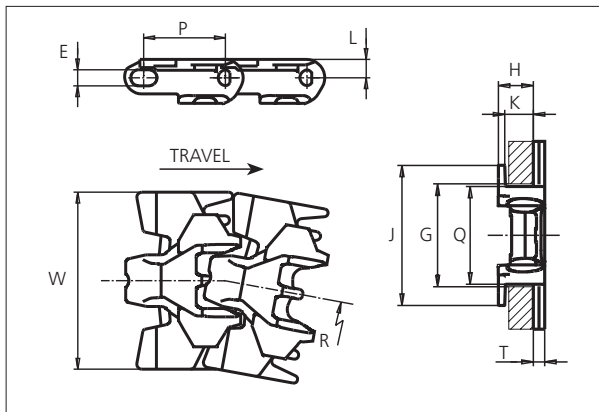
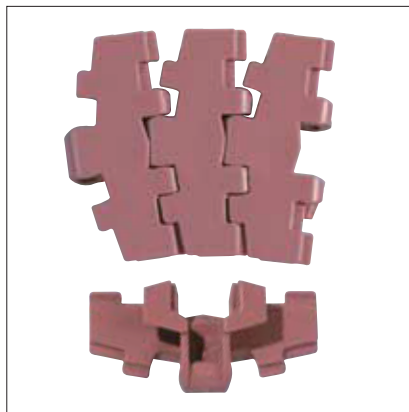


Fabrication & service

Expert advice, quality solutions and local service for all your belting needs
www.unichains.com

Special Plastic Chain

Series **uni 879** Type **Tab Safety**



Special Plastic Chain

Side flexing chain
Pitch: 38.1 mm (1.50 in)
Backflex radius:
75.0 mm (3.00 in)
Permissible tensile strength:
POM material:
2250 N (506 lbf)

Standard shipping lengths:
boxes of 80 links
= 3.048 m (10.0 ft)

E		G		H		J		K		L		P		Q		T	
mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in
7.1	0.28	44.5	1.75	15.9	0.63	61.5	2.42	11.9	0.47	8.5	0.33	38.1	1.50	43.1	1.70	5.0	0.20

All dimensions are for chains in POM material.

Width (W)			Material & color	Pin material	Weight		Min. radius (R)	
	mm	in			kg/m	lb/ft	mm	in
K325	82.6	3.25	POM-LFI BR	SS304	1.0	0.67	200	7.87
K450	114.3	4.50	-	-	-	-	-	-

Non standard material and color: See uni Material and Color Overview.

Non standard pin material: See uni Material and Color Overview.

Sprocket

No. of teeth	Pitch diameter		Overall diameter		Min. ø bore		Max. ø bore		Hub diameter		Dimension A		Dimension B		Molded PA6	Molded Cast Iron
	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in		
Z9	111.4	4.39	109.7	4.32	20.0	0.80	40.0	1.60	70.0	2.76	55.9	2.20	63.2	2.49	✓	✓
Z10	123.3	4.85	122.3	4.81	20.0	0.80	40.0	1.60	70.0	2.76	62.2	2.45	69.2	2.72	✓	✓
Z11	135.2	5.32	134.8	5.31	20.0	0.80	40.0	1.60	70.0	2.76	68.4	2.69	75.1	2.96	✓	✓
Z12	147.2	5.80	147.2	5.80	20.0	0.80	40.0	1.60	70.0	2.76	74.6	2.94	81.1	3.19	✓	✓
Z15	183.3	7.22	184.3	7.26	20.0	0.80	40.0	1.60	70.0	2.76	93.2	3.67	99.2	3.91	✓	✓

Two part sprocket

No. of teeth	Pitch diameter		Overall diameter		Min. ø bore		Max. ø bore		Hub diameter		Dimension A		Dimension B		Molded PA6
	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	
Z9	111.4	4.39	109.7	4.32	20.0	0.80	40.0	1.60	70.0	2.76	55.9	2.20	63.2	2.49	✓
Z10	123.3	4.85	122.3	4.81	20.0	0.80	40.0	1.60	70.0	2.76	62.2	2.45	69.2	2.72	✓
Z11	135.2	5.32	134.8	5.31	20.0	0.80	40.0	1.60	70.0	2.76	68.4	2.69	75.1	2.96	✓
Z12	147.2	5.80	147.2	5.80	20.0	0.80	40.0	1.60	70.0	2.76	74.6	2.94	81.1	3.19	✓

Molded sprocket



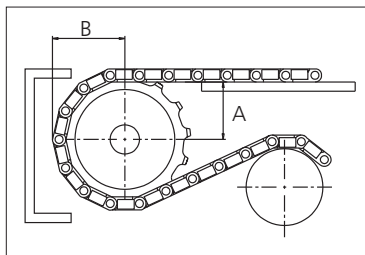
Cast iron sprocket



Molded two part sprocket



Non standard material and color:
See uni Material and Color Overview.



Please ensure that sufficient size shaft and keyway are chosen for corresponding load.

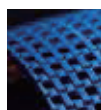
Other sprocket sizes are available upon request
Width of tooth: 15.8 mm/0.62 in
Width of sprocket: 42.3 mm/1.67 in
uni Retainer Rings: See uni Retainer Ring data sheet
uni Idler: See uni Idler data sheet



Conveyor Belts



Seamless Belts



Modular Belts



Timing Belts



Transmission Belts

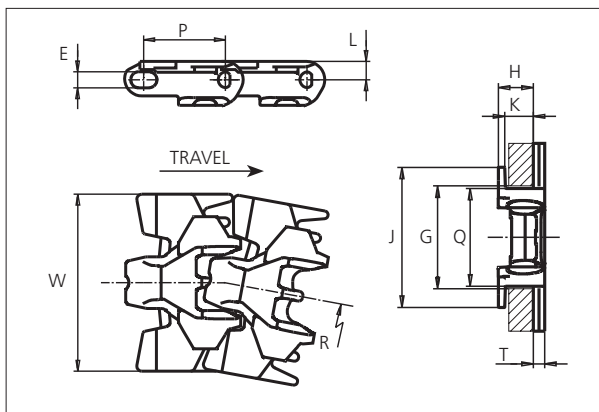


Fabrication & service

Solid advice
For all your belting needs
Local stock & service
www.unichains.com

Special Plastic Chain

Series **uni 879** Type **Tab Safety Finger**



Special Plastic Chain

Side flexing chain

Pitch: 38.1 mm (1.50 in)

Backflex radius:

90 mm (3.50 in)

Permissible tensile strength:

POM material: 2250 N

(506 lbf)

Standard shipping lengths:

boxes of 80 links

= 3.048 m (10.0 ft)

E		G		H		J		K		L		P		Q		T	
mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in
7.1	0.28	44.5	1.75	15.9	0.63	61.5	2.42	11.9	0.47	8.5	0.33	38.1	1.50	43.1	1.70	5.0	0.20

All dimensions are for chains in POM material.

Width (W)			Material & color	Pin material	Weight		Min. radius (R)	
	mm	in			kg/m	lb/ft	mm	in
K325	82.6	3.25	POM-DI W	SS304	1.0	0.67	200	7.87

Non standard material and color: See uni Material and Color Overview.

Non standard pin material: See uni Material and Color Overview.

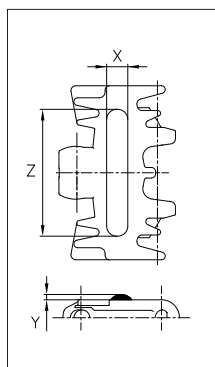
Accessories

Rubber Top/NON STANDARD



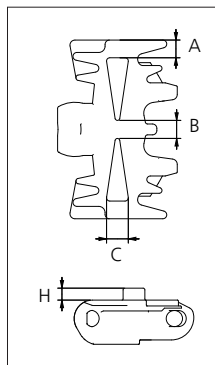
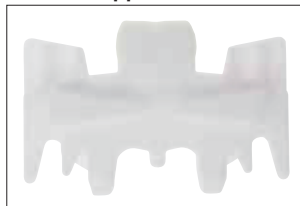
When ordering, please state the required distance between the Rubber Top.

Other Non Standard rubber profiles:
See uni Rubber Profile Overview.



Width	Link material	Rubber material	Z		X		Y	
			mm	in	mm	in	mm	in
K325	POM-DI W	05 I	60	2.36	10	0.39	2.5	0.10

Product Support/NON STANDARD



Width	Link material	H		A		B		C	
		mm	in	mm	in	mm	in		
K325	POM-DI W	5.5	0.22						
		10.0	0.39	8.2	0.32	7.3	0.29	10.2	0.40
		17.0	0.67						

Sprocket

No. of teeth	Pitch diameter		Overall diameter		Min. ø bore		Max. ø bore		Hub diameter		Dimension A		Dimension B		Molded PA6	Molded Cast Iron
	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in		
Z9	111.4	4.39	109.7	4.32	20.0	0.80	40.0	1.60	70.0	2.76	55.9	2.20	63.2	2.49	x	x
Z10	123.3	4.85	122.3	4.81	20.0	0.80	40.0	1.60	70.0	2.76	62.2	2.45	69.2	2.72	x	x
Z11	135.2	5.32	134.8	5.31	20.0	0.80	40.0	1.60	70.0	2.76	68.4	2.69	75.1	2.96	x	x
Z12	147.2	5.80	147.2	5.80	20.0	0.80	40.0	1.60	70.0	2.76	74.6	2.94	81.1	3.19	x	x
Z15	183.3	7.22	184.3	7.26	20.0	0.80	40.0	1.60	70.0	2.76	93.2	3.67	99.2	3.91	x	x

Two part sprocket

No. of teeth	Pitch diameter		Overall diameter		Min. ø bore		Max. ø bore		Hub diameter		Dimension A		Dimension B		Molded PA6
	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	
Z9	111.4	4.39	109.7	4.32	20.0	0.80	40.0	1.60	70.0	2.76	55.9	2.20	63.2	2.49	x
Z10	123.3	4.85	122.3	4.81	20.0	0.80	40.0	1.60	70.0	2.76	62.2	2.45	69.2	2.72	x
Z11	135.2	5.32	134.8	5.31	20.0	0.80	40.0	1.60	70.0	2.76	68.4	2.69	75.1	2.96	x
Z12	147.2	5.80	147.2	5.80	20.0	0.80	40.0	1.60	70.0	2.76	74.6	2.94	81.1	3.19	x

Molded sprocket



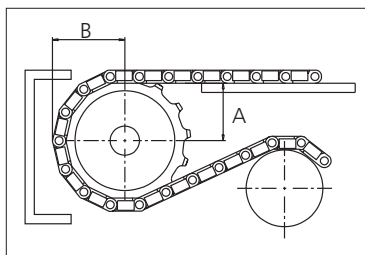
Cast iron sprocket



Molded two part sprocket



Non standard material and color:
See uni Material and Color Overview.



Please ensure that sufficient size shaft and keyway are chosen for corresponding load.

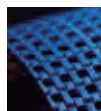
Other sprocket sizes are available upon request
Width of tooth: 15.8 mm/0.62 in
Width of sprocket: 42.3 mm/1.67 in
uni Retainer Rings: See uni Retainer Ring data sheet
uni Idler: See uni Idler data sheet



Conveyor Belts



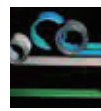
Seamless Belts



Modular Belts



Timing Belts



Transmission Belts

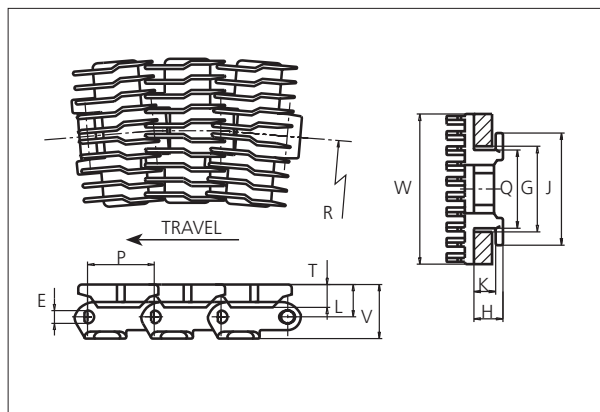
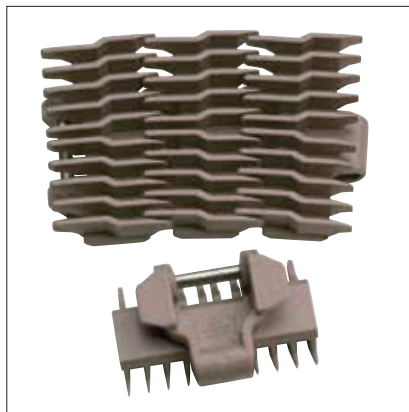


Fabrication & service

Expert advice, quality solutions
and local service
for all your belting needs
www.unichains.com

Special Plastic Chain

Series **uni 880** Type **Rib Flex**



Special Plastic Chain

Side flexing chain

Pitch: 38.1 mm (1.50 in)

Backflex radius:

90.0 mm (3.5 in)

Permissible tensile strength:

POM material:

1800 N (405 lbf)

Standard shipping lengths:

boxes of 80 links

= 3.048 m (10.0 ft)

E		G		H		J		K		L		P		Q		T		V	
mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in
7.2	0.28	44.5	1.75	15.9	0.63	61.5	2.42	11.9	0.47	18.5	0.73	38.1	1.50	42.9	1.69	14.9	0.59	30.7	1.21

All dimensions are for chains in POM material.

	Width (W)		Recommended material & color	Recommended pin material	Weight		Min. radius (R)	
	mm	in			kg/m	lb/ft	mm	in
K250	63.5	2.50	POM-LF BR	SS304	1.2	0.81	457	17.99
K325	82.6	3.25	POM-LF BR	SS304	1.3	0.87	457	17.99
K450	114.3	4.50	POM-LF BR	SS304	1.5	1.01	457	17.99

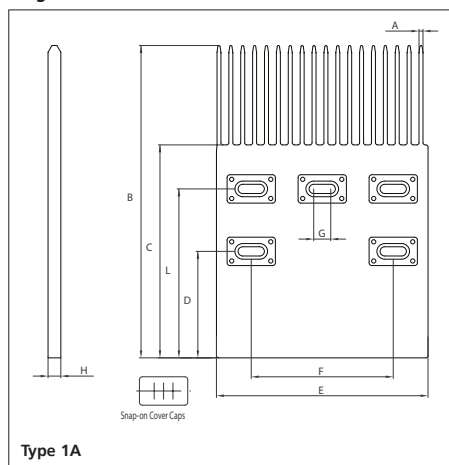
Non standard material and color: See uni Material and Color Overview.

Non standard pin material: See uni Material and Color Overview.

Accessories

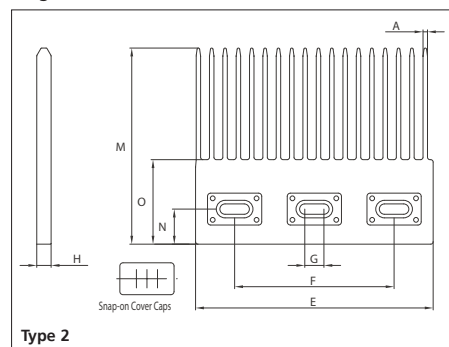
Finger plates

Single Sided



Type 1A

Single Sided



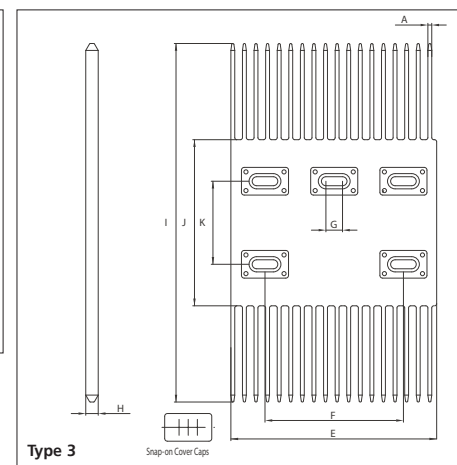
Type 2

Material for finger plates: POM-LF **BR**

Non standard material and color:

See uni Material and Color Overview.

Double Sided



Type 3

For the ribbed versions of uni special chains finger plates are available to facilitate product transfer between two conveyors. The finger plates are supplied with cover caps to close the screw holes. The cover caps can easily be removed with a screw driver.



A		B		C		D		E		F		G		H	
mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in
2.8	0.11	220.0	8.66	150.0	5.91	75.0	2.95	149.0	5.87	100.0	3.94	12.0	0.47	9.0	0.35

I		J		K		L		M		N		O		-	
mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in
259.0	10.20	120.0	4.72	60.0	2.36	119.0	4.69	123.0	4.84	22.0	0.87	53.0	2.09	-	-

NON STANDARD

SIDE FLEXING

PITCH 38.1 MM/1.50 IN

Sprocket

No. of teeth	Pitch diameter		Overall diameter		Min. ø bore		Max. ø bore		Hub diameter		Dimension A		Dimension B		Molded PA6	Molded Cast Iron
	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in		
Z9	111.4	4.39	109.7	4.32	20.0	0.80	40.0	1.60	70.0	2.76	55.9	2.20	63.2	2.49	✓	✓
Z10	123.3	4.85	122.3	4.81	20.0	0.80	40.0	1.60	70.0	2.76	62.2	2.45	69.2	2.72	✓	✓
Z11	135.2	5.32	134.8	5.31	20.0	0.80	40.0	1.60	70.0	2.76	68.4	2.69	75.1	2.96	✓	✓
Z12	147.2	5.80	147.2	5.80	20.0	0.80	40.0	1.60	70.0	2.76	74.6	2.94	81.1	3.19	✓	✓
Z15	183.3	7.22	184.3	7.26	20.0	0.80	40.0	1.60	70.0	2.76	93.2	3.67	99.2	3.91	✓	✓

Two part sprocket

No. of teeth	Pitch diameter		Overall diameter		Min. ø bore		Max. ø bore		Hub diameter		Dimension A		Dimension B		Molded PA6
	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	
Z9	111.4	4.39	109.7	4.32	20.0	0.80	40.0	1.60	70.0	2.76	55.9	2.20	63.2	2.49	✓
Z10	123.3	4.85	122.3	4.81	20.0	0.80	40.0	1.60	70.0	2.76	62.2	2.45	69.2	2.72	✓
Z11	135.2	5.32	134.8	5.31	20.0	0.80	40.0	1.60	70.0	2.76	68.4	2.69	75.1	2.96	✓
Z12	147.2	5.80	147.2	5.80	20.0	0.80	40.0	1.60	70.0	2.76	74.6	2.94	81.1	3.19	✓

Molded sprocket



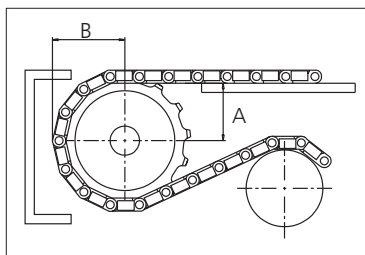
Cast iron sprocket



Molded two part sprocket



Non standard material and color:
See uni Material and Color Overview.



Please ensure that sufficient size shaft and keyway are chosen for corresponding load.

Other sprocket sizes are available upon request

Width of tooth: 15.8 mm/0.62 in

Width of sprocket: 42.3 mm/1.67 in

uni Retainer Rings: See uni Retainer Ring data sheet

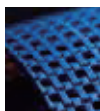
uni Idler: See uni Idler data sheet



Conveyor Belts



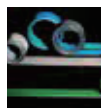
Seamless Belts



Modular Belts



Timing Belts



Transmission Belts

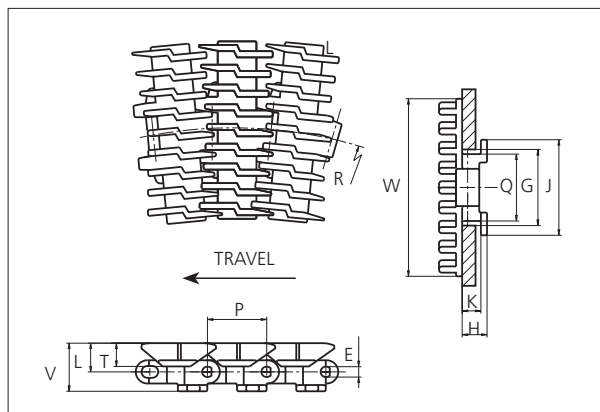


Fabrication & service

Solid advice
For all your belting needs
Local stock & service
www.unichains.com

Special Plastic Chain

Series **uni 880** Type **Rib**



Special Plastic Chain

Side flexing chain

Pitch: 38.1 mm (1.50 in)

Backflex radius:

35.0 mm (1.4 in)

Permissible tensile strength:

POM material:

1800 N (405 lbf)

Standard shipping lengths:

boxes of 80 links

= 3.048 m (10.0 ft)

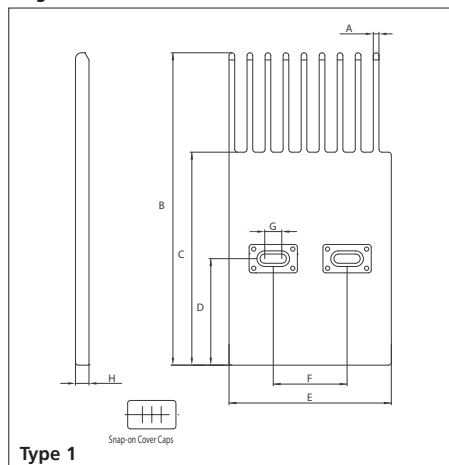
E		G		H		J		K		L		P		Q		T		V	
mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in
7.1	0.28	44.5	1.75	16.0	0.63	61.5	2.42	11.9	0.47	18.5	0.73	38.1	1.50	42.9	1.69	15.0	0.59	31.1	1.22

All dimensions are for chains in POM material.

Accessories

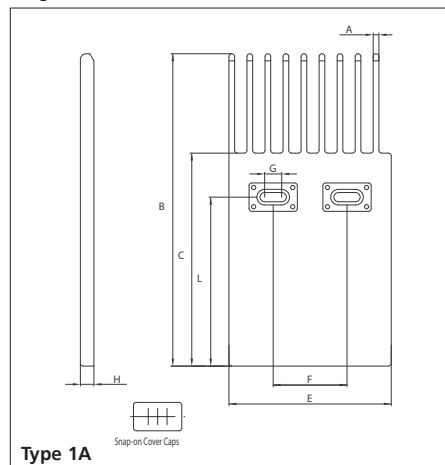
Finger plates

Single Sided

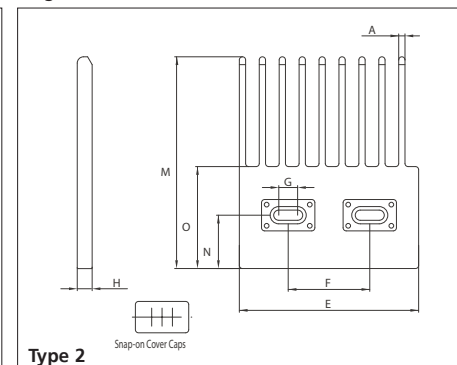


For the ribbed versions of uni special chains finger plates are available to facilitate product transfer between two conveyors. The finger plates are supplied with cover caps to close the screw holes. The cover caps can easily be removed with a screw driver.

Single Sided



Single Sided



Material for finger plates: POM-LF **BR**

Non standard material and color:

See uni Material and Color Overview.

A		B		C		D		E		F	
mm	in	mm	in	mm	in	mm	in	mm	in	mm	in
4.0	0.16	220.0	8.66	150.0	5.91	75.0	2.95	114.3	4.50	52.0	2.05

G		H		L		M		N		O	
mm	in	mm	in	mm	in	mm	in	mm	in	mm	in
12.0	0.47	9.5	0.37	119.0	4.69	135.0	5.31	34.0	1.34	65.0	2.56

Sprocket

No. of teeth	Pitch diameter		Overall diameter		Min. ø bore		Max. ø bore		Hub diameter		Dimension A		Dimension B		Molded PA6	Molded Cast Iron
	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in		
Z9	111.4	4.39	109.7	4.32	20.0	0.80	40.0	1.60	70.0	2.76	55.9	2.20	63.2	2.49	✓	✓
Z10	123.3	4.85	122.3	4.81	20.0	0.80	40.0	1.60	70.0	2.76	62.2	2.45	69.2	2.72	✓	✓
Z11	135.2	5.32	134.8	5.31	20.0	0.80	40.0	1.60	70.0	2.76	68.4	2.69	75.1	2.96	✓	✓
Z12	147.2	5.80	147.2	5.80	20.0	0.80	40.0	1.60	70.0	2.76	74.6	2.94	81.1	3.19	✓	✓
Z15	183.3	7.22	184.3	7.26	20.0	0.80	40.0	1.60	70.0	2.76	93.2	3.67	99.2	3.91	✓	✓

Two part sprocket

No. of teeth	Pitch diameter		Overall diameter		Min. ø bore		Max. ø bore		Hub diameter		Dimension A		Dimension B		Molded PA6
	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	
Z9	111.4	4.39	109.7	4.32	20.0	0.80	40.0	1.60	70.0	2.76	55.9	2.20	63.2	2.49	✓
Z10	123.3	4.85	122.3	4.81	20.0	0.80	40.0	1.60	70.0	2.76	62.2	2.45	69.2	2.72	✓
Z11	135.2	5.32	134.8	5.31	20.0	0.80	40.0	1.60	70.0	2.76	68.4	2.69	75.1	2.96	✓
Z12	147.2	5.80	147.2	5.80	20.0	0.80	40.0	1.60	70.0	2.76	74.6	2.94	81.1	3.19	✓

Molded sprocket



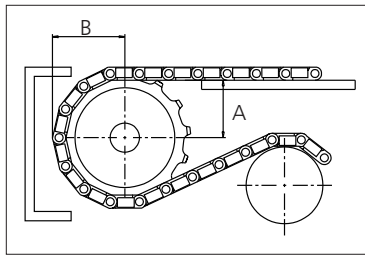
Cast iron sprocket



Molded two part sprocket



Non standard material and color:
See uni Material and Color Overview.



Please ensure that sufficient size shaft and keyway are chosen for corresponding load.

Other sprocket sizes are available upon request
Width of tooth: 15.8 mm/0.62 in
Width of sprocket: 42.3 mm/1.67 in
uni Retainer Rings: See uni Retainer Ring data sheet
uni Idler: See uni Idler data sheet

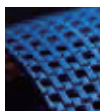
uni 880 Rib/160624



Conveyor Belts



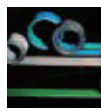
Seamless Belts



Modular Belts



Timing Belts



Transmission Belts

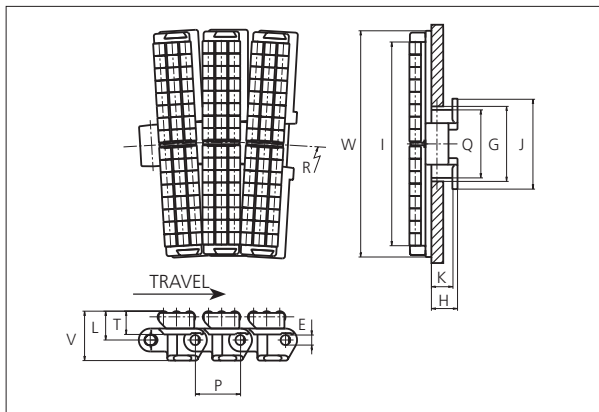


Fabrication & service

Solid advice
For all your belting needs
Local stock & service
www.unichains.com

Special Plastic Chains

Series **uni 882** Type **Tab PRR**



Special Plastic Chains

Side flexing chain
Pitch: 38.1 mm (1.50 in)
Backflex radius:
101.0 mm (4.0 in)
Permissible tensile strength:
POM material: 4000 N (899 lbf)

Standard shipping lengths:
boxes of 80 links
= 3.048 m (10.0 ft)

Axle materials for $\varnothing 5.0$ mm (0.20 in) accumulation rollers: See uni Material and Color Overview.

E		G		H		I (K325)		I (K400)		I (K750)		J		K		L		P		Q		T		V	
mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in
8.7	0.34	59.5	2.34	22.2	0.87	79.3	3.12	98.3	3.87	174.5	6.87	62.2	3.00	17.5	0.69	23.5	0.93	38.1	1.50	57.2	2.25	19.0	0.75	41.2	1.62

All dimensions are for chains in POM material.

Width (W)			Base material & color	Roller material & color	Pin material	Weight		Min. radius (R)	
	mm	in				kg/m	lb/ft	mm	in
K375	95.3	3.75	POM-LF BR	POM-LF BR	SS304	3.4	2.28	610	24.02
K450	114.3	4.50	POM-LF BR	POM-LF BR	SS304	3.9	2.62	610	24.02
K750	190.5	7.50	POM-LF BR	POM-LF BR	SS304	5.6	3.76	610	24.02

Non standard material and color: See uni Material and Color Overview.

Non standart pin material: See uni Material and Color Overview.

Sprocket

No of teeth	Pitch diameter		Overall-diameter		Min. ø bore		Max. ø bore		Hub-diameter		A-dimension		B-dimension		Molded PA6	Molded Cast Iron	Machined PA6
	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in			
Z9	111.4	4.39	112.7	4.44	20.0	0.79	45.0	1.77	60.0	2.36	57.1	2.25	65.4	2.57	✓	✓	
Z10	123.3	4.85	125.0	4.92	20.0	0.79	45.0	1.77	65.0	2.56	63.4	2.50	71.3	2.81	✓	✓	
Z11	135.2	5.32	137.4	5.41	20.0	0.79	50.0	1.97	73.5	2.89	69.6	2.74	77.3	3.04	✓	✓	
Z12	147.2	5.80	150.6	5.93	20.0	0.79	50.0	1.97	73.5	2.89	75.8	2.98	83.3	3.28	✓	✓	
Z15	183.3	7.22	186.9	7.36	20.0	0.79	50.0	1.97	120.0	4.72	94.3	3.71	101.3	3.99		✓	✓

Two part sprocket

No of teeth	Pitch diameter		Overall-diameter		Min. ø bore		Max. ø bore		Hub-diameter		A-dimension		B-dimension		Molded PA6
	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	
Z9	111.4	4.39	112.7	4.31	20.0	0.79	45.0	1.77	60.0	2.36	57.1	2.25	65.4	2.57	✓
Z10	123.3	4.85	125.0	4.81	20.0	0.79	45.0	1.77	65.0	2.56	63.4	2.50	71.3	2.81	✓
Z11	135.2	5.32	137.4	5.30	20.0	0.79	50.0	1.97	73.5	2.89	69.6	2.74	77.3	3.04	✓
Z12	147.2	5.80	150.6	5.79	20.0	0.79	50.0	1.97	73.5	2.89	75.8	2.98	83.3	3.28	✓

Molded sprocket



Cast iron sprocket



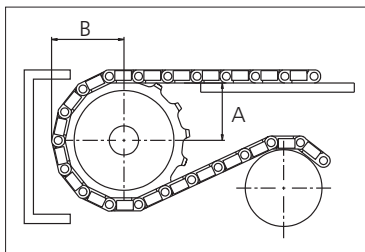
Machined sprocket



Molded two part sprocket



Non standard material and color:
See uni Material and Color Overview.



Please ensure that sufficient size shaft and keyway are chosen for corresponding load.

Other sprocket sizes are available upon request

Width of tooth: 22.20 mm/0.87 in

Width of sprocket: 42.3 mm/1.70 in

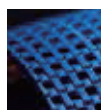
uni Retainer Rings: See uni Retainer Ring data sheet



Conveyor Belts



Seamless Belts



Modular Belts



Timing Belts



Transmission Belts

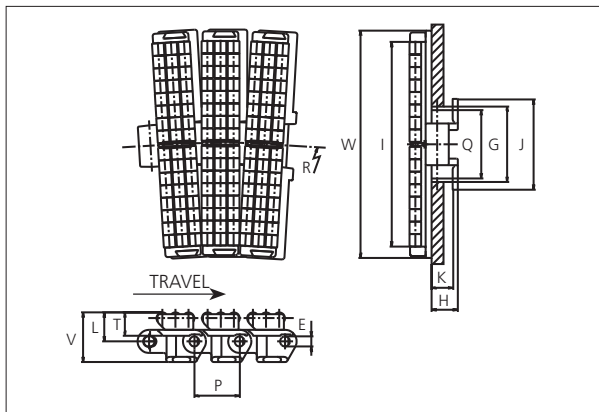


Fabrication & service

Solid advice
For all your belting needs
Local stock & service
www.unichains.com

Special Plastic Chain

Series **uni 882** Type **Tab PRR4**



Special Plastic Chain

Side flexing chain

Pitch: 38.1 mm (1.50 in)

Backflex radius:

101.0 mm (4.0 in)

Permissible tensile strength:

POM material:

4000 N (899 lbf)

Standard shipping lengths:

boxes of 80 links

= 3.048 m (10.0 ft)

Axle materials for $\varnothing 4.0$ mm

(0.16 in) accumulation rollers: See uni Material and Color Overview.

E		G		H		I (K325)		I (K400)		I (K750)		J		K		L		P		Q		T		V	
mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in
8.7	0.34	59.5	2.34	22.2	0.87	79.3	3.12	98.3	3.87	174.5	6.87	76.2	3.00	17.5	0.69	23.5	0.93	38.1	1.50	57.2	2.25	19.0	0.75	41.2	1.62

All dimensions are for chains in POM material.

Width (W)			Recommended base material & color	Recommended roller material & color	Recommended pin material	Weight		Min. radius (R)	
	mm	in				kg/m	lb/ft	mm	in
K375	95.3	3.75	POM-LF BR	POM-D K	SS304	3.4	2.30	610	24.02
K450	114.3	4.50	POM-LF BR	POM-D K	SS304	3.9	2.55	610	24.02
K750	190.5	7.50	POM-LF BR	POM-D K	SS304	5.7	3.83	610	24.02

Non standard material and color: See uni Material and Color Overview.

Non standart pin material: See uni Material and Color Overview.

Sprocket

No of teeth	Pitch diameter		Overall-diameter		Min. ø bore		Max. ø bore		Hub-diameter		Dimension A		Dimension B		Molded PA6	Molded Cast Iron	Machined PA6
	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in			
Z9	111.4	4.39	112.7	4.44	20.0	0.79	45.0	1.77	60.0	2.36	57.1	2.25	65.4	2.57	✓	✓	
Z10	123.3	4.85	125.0	4.92	20.0	0.79	45.0	1.77	65.0	2.56	63.4	2.50	71.3	2.81	✓	✓	
Z11	135.2	5.32	137.4	5.41	20.0	0.79	50.0	1.97	73.5	2.89	69.6	2.74	77.3	3.04	✓	✓	
Z12	147.2	5.80	150.6	5.93	20.0	0.79	50.0	1.97	73.5	2.89	75.8	2.98	83.3	3.28	✓	✓	
Z15	183.3	7.22	186.9	7.36	20.0	0.79	50.0	1.97	120.0	4.72	94.3	3.71	101.3	3.99		✓	✓

Two part sprocket

No of teeth	Pitch diameter		Overall-diameter		Min. ø bore		Max. ø bore		Hub-diameter		Dimension A		Dimension B		Molded PA6
	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	
Z9	111.4	4.39	112.7	4.31	20.0	0.79	45.0	1.77	60.0	2.36	57.1	2.25	65.4	2.57	✓
Z10	123.3	4.85	125.0	4.81	20.0	0.79	45.0	1.77	65.0	2.56	63.4	2.50	71.3	2.81	✓
Z11	135.2	5.32	137.4	5.30	20.0	0.79	50.0	1.97	73.5	2.89	69.6	2.74	77.3	3.04	✓
Z12	147.2	5.80	150.6	5.79	20.0	0.79	50.0	1.97	73.5	2.89	75.8	2.98	83.3	3.28	✓

Molded sprocket



Cast iron sprocket



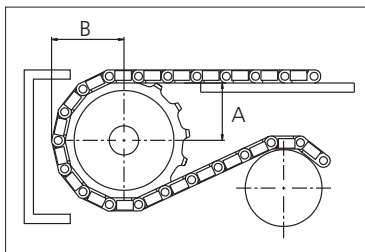
Machined sprocket



Molded two part sprocket



Non standard material and color:
See uni Material and Color Overview.



Please ensure that sufficient size shaft and keyway are chosen for corresponding load.

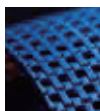
Other sprocket sizes are available upon request
Width of tooth: 22.20 mm/0.87 in
Width of sprocket: 42.3 mm/1.70 in
uni Retainer Rings: See uni Retainer Ring data sheet



Conveyor Belts



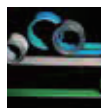
Seamless Belts



Modular Belts



Timing Belts



Transmission Belts

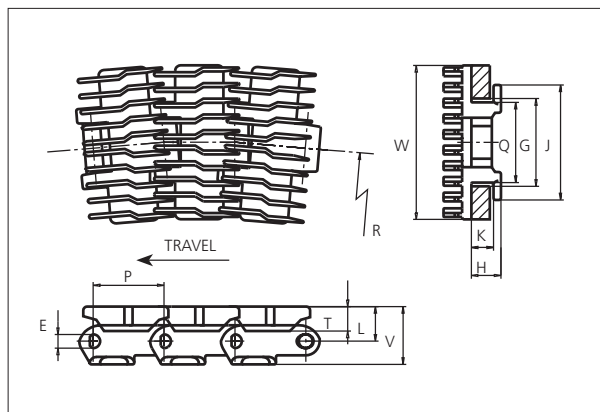


Fabrication & service

Solid advice
For all your belting needs
Local stock & service
www.unichains.com

Special Plastic Chain

Series **uni 882** Type **Rib Flex**



Special Chains

Side flexing chain
Pitch: 38.1 mm (1.50 in)
Backflex radius:
75.0 mm (3.00 in)
Permissible tensile strength:
POM material:
4000 N (899 lbf)

Standard shipping lengths:
boxes of 80 links
= 3.048 m (10.0 ft)

E		G		H		J		K		L		P		Q		T		V	
mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in
8.7	0.34	59.5	2.34	22.2	0.87	76.20	3.00	17.5	0.69	19.7	0.78	38.1	1.50	57.2	2.25	15.0	0.59	37.0	1.46

All dimensions are for chains in POM material.

Width (W)			Recommended material & color	Recommended pin material	Weight		min. radius R	
	mm	in			kg/m	lb/ft	mm	in
K600	147.4	5.80	POM-LF BR	SS304	2.4	1.61	610.0	24.02

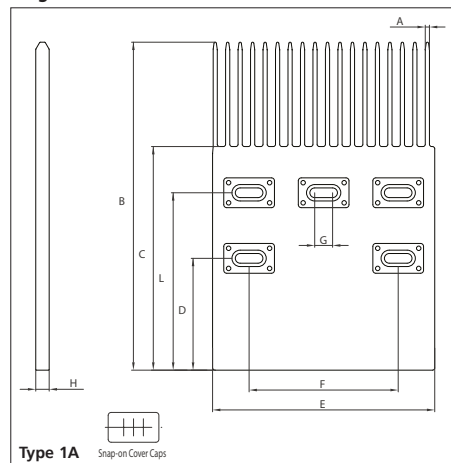
Non standard material and color: See uni Material and Color Overview.

Non standard pin material: See uni Material and Color Overview.

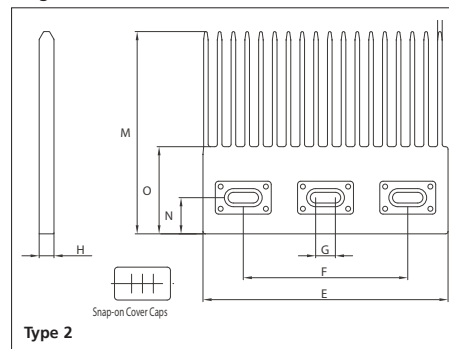
Accessories

Finger plates

Single Sided



Single Sided

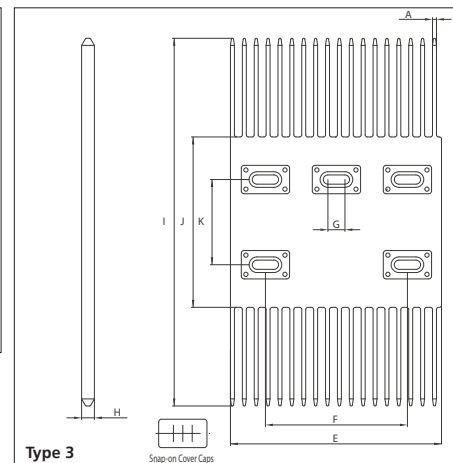


Material for finger plates: POM-LF **BR**

Non standard material and color:

See uni Material and Color Overview.

Double Sided



For the ribbed versions of uni special chains finger plates are available to facilitate product transfer between two conveyors.

The finger plates are supplied with cover caps to close the screw holes. The cover caps can easily be removed with a screw driver.

A		B		C		D		E		F		G		H	
mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in
2.8	0.11	220.0	8.66	150.0	5.91	75.0	2.95	149.0	5.87	100.0	3.94	12.0	0.47	9.0	0.35

I		J		K		L		M		N		O		-	
mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in
259.0	10.20	120.0	4.72	60.0	2.36	119.0	4.69	123.0	4.84	22.0	0.87	53.0	2.09	-	-

Sprocket

No of teeth	Pitch diameter		Overall-diameter		Min. ø bore		Max. ø bore		Hub-diameter		Dimension A		Dimension B		Molded PA6	Molded Cast Iron	Machined PA6
	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in			
Z9	111.4	4.39	112.7	4.44	20.0	0.79	45.0	1.77	60.0	2.36	57.1	2.25	65.4	2.57	✓	✓	
Z10	123.3	4.85	125.0	4.92	20.0	0.79	45.0	1.77	65.0	2.56	63.4	2.50	71.3	2.81	✓	✓	
Z11	135.2	5.32	137.4	5.41	20.0	0.79	50.0	1.97	73.5	2.89	69.6	2.74	77.3	3.04	✓	✓	
Z12	147.2	5.80	150.6	5.93	20.0	0.79	50.0	1.97	73.5	2.89	75.8	2.98	83.3	3.28	✓	✓	
Z15	183.3	7.22	186.9	7.36	20.0	0.79	50.0	1.97	120.0	4.72	94.3	3.71	101.3	3.99		✓	✓

Two part sprocket

No of teeth	Pitch diameter		Overall-diameter		Min. ø bore		Max. ø bore		Hub-diameter		Dimension A		Dimension B		Molded PA6
	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	
Z9	111.4	4.39	112.7	4.31	20.0	0.79	45.0	1.77	60.0	2.36	57.1	2.25	65.4	2.57	✓
Z10	123.3	4.85	125.0	4.81	20.0	0.79	45.0	1.77	65.0	2.56	63.4	2.50	71.3	2.81	✓
Z11	135.2	5.32	137.4	5.30	20.0	0.79	50.0	1.97	73.5	2.89	69.6	2.74	77.3	3.04	✓
Z12	147.2	5.80	150.6	5.79	20.0	0.79	50.0	1.97	73.5	2.89	75.8	2.98	83.3	3.28	✓

Molded sprocket



Cast iron sprocket



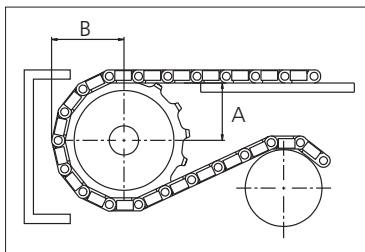
Machined sprocket



Molded two part sprocket



Non standard material and color:
See uni Material and Color Overview.



Please ensure that sufficient size shaft and keyway are chosen for corresponding load.

Other sprocket sizes are available upon request

Width of tooth: 22.20 mm/0.87 in

Width of sprocket: 42.3 mm/1.70 in

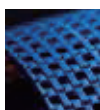
uni Retainer Rings: See uni Retainer Ring data sheet



Conveyor Belts



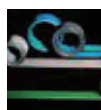
Seamless Belts



Modular Belts



Timing Belts



Transmission Belts

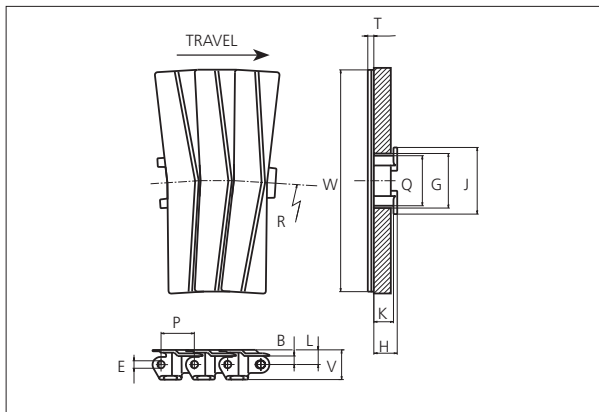


Fabrication & service

Solid advice
For all your belting needs
Local stock & service
www.unichains.com

Special Plastic Chain

Series **uni 882** Type **Tab SC**



Special Plastic Chain

Side flexing chain

Pitch: 38.1 mm (1.50 in)

Backflex radius: 125.0 mm (4.90 in)

Permissible tensile strength:

POM material: 4000 N (899 lbf)

Standard shipping lengths:

boxes of 80 links

= 3.048 m (10.0 ft)

B		E		G		H		J		K		L		P		Q		T		V	
mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in
9.7	0.38	8.7	0.34	59.5	2.34	21.9	0.86	76.2	3.00	17.5	0.69	16.7	0.66	38.1	1.50	57.2	2.25	7.0	0.28	29.0	1.14

All dimensions are for chains in POM material.

Width (W)			Material & color	Pin material	Weight		min. radius R	
	mm	in			kg/m	lb/ft	mm	in
K450	114.3	4.50	POM-LF BR	SS304	2.2	1.48	610	24.02
K750	190.5	7.50	POM-LF BR	SS304	3.0	2.01	610	24.02
K1000	254.0	10.00	POM-LF BR	SS304	3.4	2.28	610	24.02

Non standard material and color: See uni Material and Color Overview.

Non standard pin material: See uni Material and Color Overview.

Sprocket

No of teeth	Pitch diameter		Overall-diameter		Min. ø bore		Max. ø bore		Hub-diameter		A-dimension		B-dimension		 Molded PA6	 Cast Iron	 Machined PA6
	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in			
Z9	111.4	4.39	112.7	4.44	20.0	0.79	45.0	1.77	60.0	2.36	62.0	2.44	73.3	2.89	✓	✓	
Z10	123.3	4.85	125.0	4.92	20.0	0.79	45.0	1.77	65.0	2.56	68.3	2.69	79.3	3.12	✓	✓	
Z11	135.2	5.32	137.4	5.41	20.0	0.79	50.0	1.97	73.5	2.89	74.6	2.94	85.2	3.35	✓	✓	
Z12	147.2	5.80	150.6	5.93	20.0	0.79	50.0	1.97	73.5	2.89	80.8	3.18	91.2	3.59	✓	✓	
Z15	183.3	7.22	186.9	7.36	20.0	0.79	50.0	1.97	120.0	4.72	99.3	3.91	109.1	4.30		✓	✓

Two part sprocket

No of teeth	Pitch diameter		Overall-diameter		Min. ø bore		Max. ø bore		Hub-diameter		A-dimension		B-dimension		 Molded PA6
	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	
Z9	111.4	4.39	112.7	4.31	20.0	0.79	45.0	1.77	60.0	2.36	62.0	2.44	73.3	2.89	✓
Z10	123.3	4.85	125.0	4.81	20.0	0.79	45.0	1.77	65.0	2.56	68.3	2.69	79.3	3.12	✓
Z11	135.2	5.32	137.4	5.30	20.0	0.79	50.0	1.97	73.5	2.89	74.6	2.94	85.2	3.35	✓
Z12	147.2	5.80	150.6	5.79	20.0	0.79	50.0	1.97	73.5	2.89	80.8	3.18	91.2	3.59	✓

Molded sprocket



Cast iron sprocket



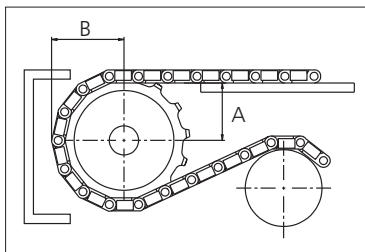
Machined sprocket



Molded two part sprocket



Non standard material and color:
See uni Material and Color Overview.



Please ensure that sufficient size shaft and keyway are chosen for corresponding load.

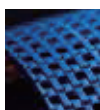
Other sprocket sizes are available upon request
Width of tooth: 22.20 mm/0.87 in
Width of sprocket: 42.3 mm/1.70 in
uni Retainer Rings: See uni Retainer Ring data sheet



Conveyor Belts



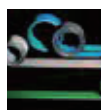
Seamless Belts



Modular Belts



Timing Belts



Transmission Belts

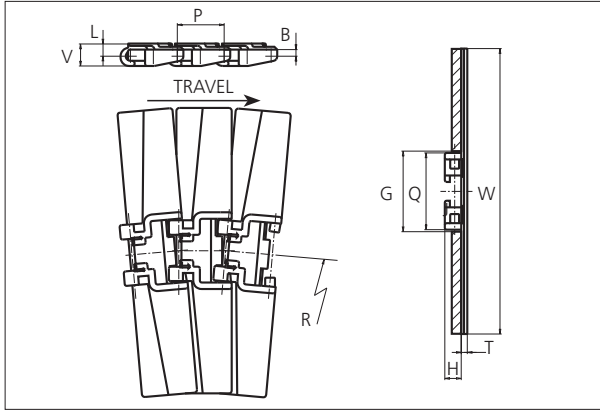
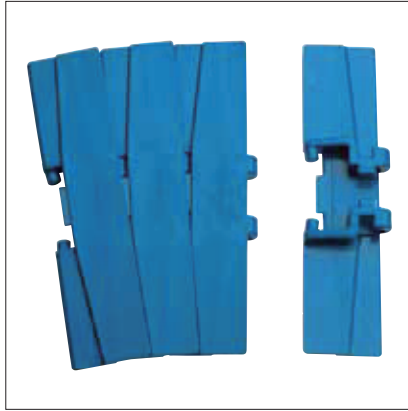


Fabrication & service

Solid advice
For all your belting needs
Local stock & service
www.unichains.com

Special Plastic Chain

Series **uni 982** Type **SC**



Special Plastic Chain

Side flexing chain
Pitch: 50.0 mm (1.97 in)
Backflex radius:
200 mm (7.9 in)
Permissible tensile strength:
POM material:
1000 N (225 lbf)

Standard shipping lengths:
boxes of 80 links
= 4.0 m (13.1 ft)

NON STANDARD

SIDE FLEXING

PITCH 50.0 MM/1.97 IN

B		G		H		L		P		Q		T		V	
mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in
7.0	0.28	85.0	3.35	17.5	0.69	13.5	0.53	50.0	1.97	82.0	3.23	6.5	0.26	24.0	0.95

All dimensions are for chains in POM material.

Width (W)		Recommended material & color	Weight		Min. radius (R)	
mm	in		kg/m	lb/ft	mm	in
254.0	10.00	POM-SLF B AR 	1.6	1.07	610.0	24.02

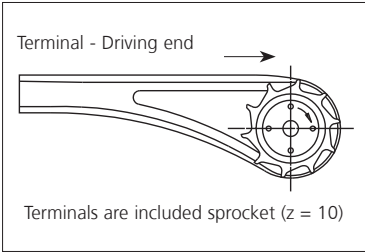
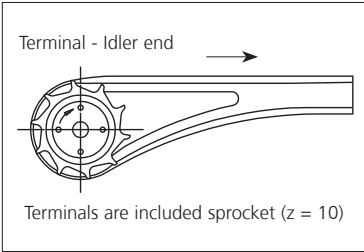
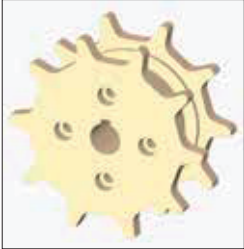
Non standard material and color: See uni Material and Color Overview.

Sprocket

No of teeth	Pitch diameter		Overall-diameter		Min. ø bore		Max. ø bore		Hub-diameter		Dimension A		Dimension B		 Machined PAG
	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	
Z10	161.8	6.37	-	-	19.1	0.75	40.0	1.57	64.0	2.52	-	-	-	-	✓

Non standard material and color:
See uni Material and Color Overview.

Machined sprocket



Please ensure that sufficient size shaft and keyway are chosen for corresponding load.

Other sprocket sizes are available upon request
Width of tooth: 25.0 mm/1.00 in
Width of sprocket: 42.3 mm/1.70 in
uni Retainer Rings: See uni Retainer Ring data sheet

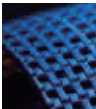
uni 982 SC/170524



Conveyor Belts



Seamless Belts



Modular Belts



Timing Belts



Transmission Belts

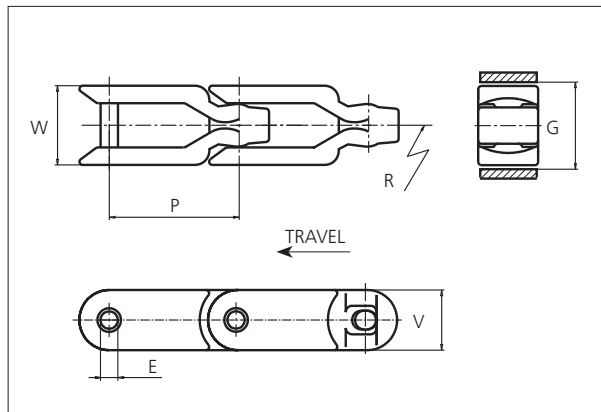


Fabrication & service

Solid advice
For all your belting needs
Local stock & service
www.unichains.com

uni Flex Plastic Chain

Series **uni 1400** Type -



uni Flex Plastic Chain

Side flexing chain
Pitch: 82.5 mm (3.25 in)
Backflex radius:
75.0 mm (2.90 in)
Permissible tensile strength:
POM material 8000 N
(1798 lbf)

Standard shipping lengths:
boxes of 74 links
= 6.105 m (20.0 ft)

E		G		P		V	
mm	in	mm	in	mm	in	mm	in
11.0	0.43	54.0	2.13	82.5	3.25	38.0	1.50

All dimensions are for chains in POM material.

Width (W)		Material & color	Pin material	Weight		Min. radius (R)	
mm	in			kg/m	lb/ft	mm	in
50.0	1.97	POM-D	SS304	2.1	1.41	450	17.72

Non standard material and color: See uni Material and Color Overview.

Non standard pin material: See uni Material and Color Overview.

STANDARD

SIDE FLEXING

PITCH 82.5 MM/3.25 IN

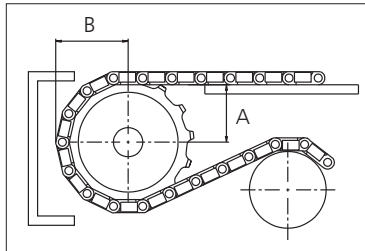
Sprocket

No of teeth	Pitch diameter		Overall-diameter		Min. ø bore		Max. ø bore		Hub-diameter		Dimension A		Dimension B		Machined  PAG
	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	
Z6	164.5	6.48	177.0	7.00	20.0	0.80	40.0	1.60	63.0	2.50	52.5	2.10	101.5	4.00	✓
Z8	215.2	8.47	227.6	9.00	20.0	0.80	50.0	2.00	75.0	2.95	80.6	3.20	126.8	5.00	✓
Z10	266.7	10.50	279.0	11.00	20.0	0.80	50.0	2.00	75.0	2.95	108.0	4.30	152.5	6.00	✓

Machined sprocket



Non standard material and color:
See uni Material and Color Overview.



Please ensure that sufficient size shaft and keyway are chosen for corresponding load.

Other sprocket sizes are available upon request

Width of tooth: 15.0 mm/0.59 in

Width of sprocket: 42.3 mm/1.67 in

uni Retainer Rings: See uni Retainer Ring data sheet

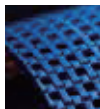
uni 1400 Open/160621



Conveyor Belts



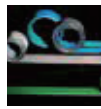
Seamless Belts



Modular Belts



Timing Belts



Transmission Belts

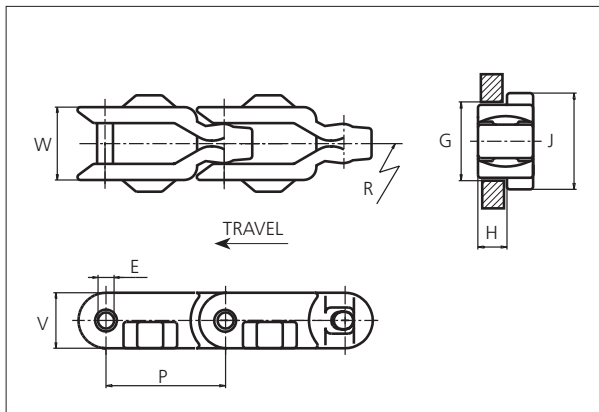
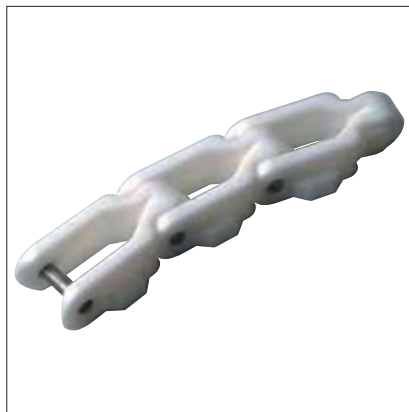


Fabrication & service

Solid advice
For all your belting needs
Local stock & service
www.unichains.com

uni Flex Plastic Chain

Series **uni 1400** Type **Tab**



uni Flex Plastic Chain

Side flexing chain
Pitch: 82.5 mm (3.25 in)
Backflex radius: 75.0 mm (2.90 in)
Permissible tensile strength:
POM material 8000 N (1798 lbf)

Standard shipping lengths:
boxes of 74 links
= 6.105 m (20.0 ft)

E		G		H		J		P		V	
mm	in	mm	in	mm	in	mm	in	mm	in	mm	in
11.0	0.43	54.0	2.13	20.0	0.79	66.0	2.60	82.5	3.25	38.0	1.50

All dimensions are for chains in POM material.

Width (W)		Material & color	Pin material	Weight		Min. radius (R)	
mm	in			kg/m	lb/ft	mm	in
50.0	1.97	POM-D W	SS304	2.3	1.55	450	17.72

Non standard material and color: See uni Material and Color Overview.

Non standard pin material: See uni Material and Color Overview.

STANDARD

SIDE FLEXING

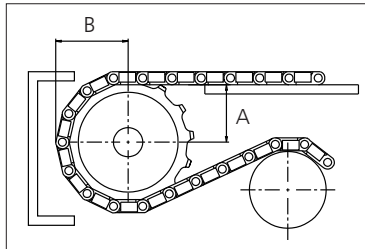
PITCH 82.5 MM/3.25 IN

Sprocket

No of teeth	Pitch diameter		Overall-diameter		Min. ø bore		Max. ø bore		Hub-diameter		Dimension A		Dimension B		 Machined PAG
	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	
Z6	164.5	6.48	177.0	7.00	20.0	0.80	40.0	1.60	63.0	2.50	52.5	2.10	101.5	4.00	✓
Z8	215.2	8.47	227.6	9.00	20.0	0.80	50.0	2.00	75.0	2.95	80.6	3.20	126.8	5.00	✓
Z10	266.7	10.50	279.0	11.00	20.0	0.80	50.0	2.00	75.0	2.95	108.0	4.30	152.5	6.00	✓

Non standard material and color:
See uni Material and Color Overview.

Machined sprocket



Please ensure that sufficient size shaft and keyway are chosen for corresponding load.

Other sprocket sizes are available upon request
Width of tooth: 15.0 mm/0.59 in
Width of sprocket: 42.3 mm/1.67 in
uni Retainer Rings: See uni Retainer Ring data sheet

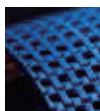
uni 1400 Tab/160621



Conveyor Belts



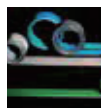
Seamless Belts



Modular Belts



Timing Belts



Transmission Belts

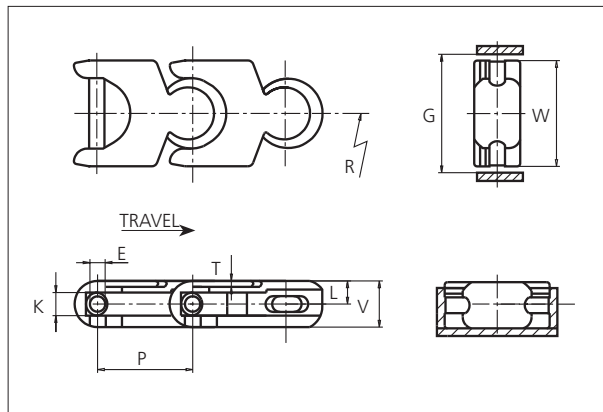


Fabrication & service

Solid advice
For all your belting needs
Local stock & service
www.unichains.com

uni Flex Plastic Chain

Series **uni 1700** Type -



uni Flex Plastic Chain

Side flexing chain
Pitch: 50.0 mm (1.97 in)
Backflex radius: 75.0 mm (3.00 in)
Permissible tensile strength:
POM material 4000 N (899 lbf)

Standard shipping lengths:
boxes of 122 links
= 6.100 m (20.0 ft)

E		G		K		L		P		T		V	
mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in
8.0	0.31	59.0	2.32	11.9	0.37	12.0	0.47	50.0	1.97	3.1	0.12	24.0	0.94

All dimensions are for chains in POM material.

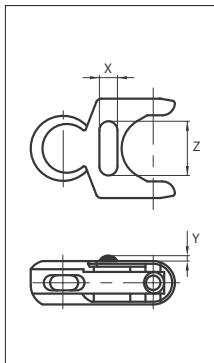
Width (W)		Material & color	Pin material	Weight		Min. radius (R)	
mm	in			kg/m	lb/ft	mm	in
55.0	2.17	POM-D W POM-D G POM-LF BR	SS304	1.4	0.94	150.0	5.91

Non standard material and color: See uni Material and Color Overview.

Non standard pin material: See uni Material and Color Overview.

Accessories

Rubber Top



When ordering, please state the required distance between the Rubber Top.

Other Non Standard rubber profiles:
See uni Rubber Profile Overview

Link material	Rubber material	X		Z		Y	
		mm	in	mm	in	mm	in
POM-D W	05 I	10.0	0.39	30.0	1.18	3.0	0.12

Sprocket

No of teeth	Pitch diameter		Overall-diameter		Min. ø bore		Max. ø bore		Hub-diameter		Dimension A		Dimension B		Molded PA6	Molded Cast Iron	Machined SS304
	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in			
Z8	130.7	5.14	133.0	5.20	20.00	0.80	40.00	1.60	63.00	2.50	47.90	1.90	82.40	3.20	✓	✓	✓
Z10	161.8	6.37	166.1	6.50	20.00	0.80	40.00	1.60	63.00	2.50	64.50	2.50	97.30	3.80	✓	✓	✓
Z12	193.2	7.61	196.0	7.70	20.00	0.80	40.00	1.60	63.00	2.50	80.80	3.20	112.40	4.40	✓	✓	
Z13	208.9	8.22	214.0	8.40	20.00	0.80	40.00	1.60	63.00	2.50	88.90	3.50	120.10	4.70	✓	✓	

Molded sprocket



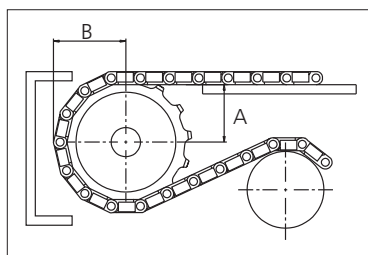
Cast iron sprocket



Machined sprocket



Non standard material and color:
See uni Material and Color Overview.



Please ensure that sufficient size shaft and keyway are chosen for corresponding load.

Other sprocket sizes are available upon request

Width of tooth: 11.0 mm/0.43 in

Width of sprocket: 42.3 mm/1.67 in

uni Retainer Rings: See uni Retainer Ring data sheet

uni Idler: See uni Idler data sheet

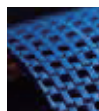
uni 1700/160621



Conveyor Belts



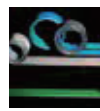
Seamless Belts



Modular Belts



Timing Belts



Transmission Belts

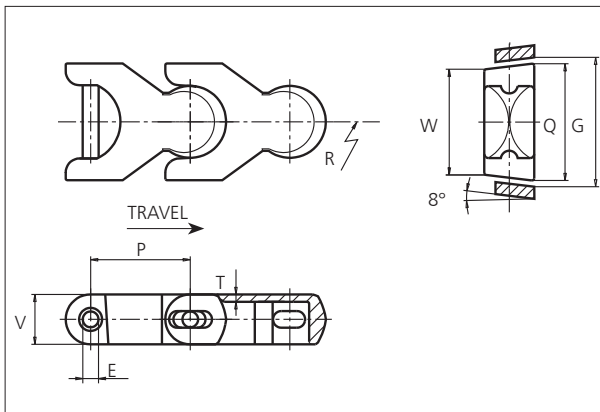


Fabrication & service

Expert advice, quality solutions
and local service
for all your belting needs
www.unichains.com

uni Flex Plastic Chain

Series **uni 1701** Type -



uni Flex Plastic Chain

Side flexing chain
Pitch: 50.0 mm (1.97 in)
Backflex radius: 75.0 mm (3.00 in)
Permissible tensile strength:
POM material 4000 N (899 lbf)

Standard shipping lengths:
boxes of 122 links
= 6.100 m (20.0 ft)

E		G (curve)		G (straight)		P		Q		T		V	
mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in
8.0	0.31	60.0	2.37	62.0	2.44	50.0	1.97	58.4	2.30	3.9	0.15	25.0	0.98

All dimensions are for chains in POM material.

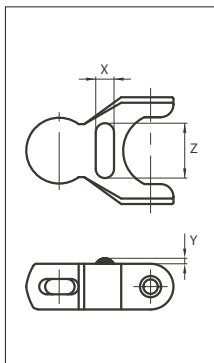
Width (W)		Material & color	Pin material	Weight		Min. radius (R)	
mm	in			kg/m	lb/ft	mm	in
52.4	2.06	POM-D W POM-D G POM-LF BR	SS304	1.5	1.01	150.0	5.91

Non standard material and color: See uni Material and Color Overview.

Non standard pin material: See uni Material and Color Overview.

Accessories

Rubber Top



When ordering, please state the required distance between the Rubber Top.

Other Non Standard rubber profiles:
See uni Rubber Profile Overview

Link material	Rubber material	X		Z		Y	
		mm	in	mm	in	mm	in
POM-D W	05 I	10.0	0.39	30.0	1.18	3.0	0.12

Sprocket

No of teeth	Pitch diameter		Overall-diameter		Min. ø bore		Max. ø bore		Hub-diameter		Dimension A		Dimension B		Molded PA6	Molded Cast Iron	Machined SS304
	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in			
Z8	130.7	5.14	133.0	5.20	20.00	0.80	40.00	1.60	63.00	2.50	47.90	1.90	82.40	3.20	✓	✓	✓
Z10	161.8	6.37	166.1	6.50	20.00	0.80	40.00	1.60	63.00	2.50	64.50	2.50	97.30	3.80	✓	✓	✓
Z12	193.2	7.61	196.0	7.70	20.00	0.80	40.00	1.60	63.00	2.50	80.80	3.20	112.40	4.40	✓	✓	
Z13	208.9	8.22	214.0	8.40	20.00	0.80	40.00	1.60	63.00	2.50	88.90	3.50	120.10	4.70	✓	✓	

Molded sprocket



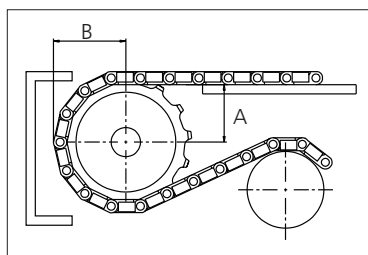
Cast iron sprocket



Machined sprocket



Non standard material and color:
See uni Material and Color Overview.



Please ensure that sufficient size shaft and keyway are chosen for corresponding load.

Other sprocket sizes are available upon request

Width of tooth: 11.0 mm/0.43 in

Width of sprocket: 42.3 mm/1.67 in

uni Retainer Rings: See uni Retainer Ring data sheet

uni Idler: See uni Idler data sheet

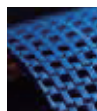
uni 1701/160621



Conveyor Belts



Seamless Belts



Modular Belts



Timing Belts



Transmission Belts

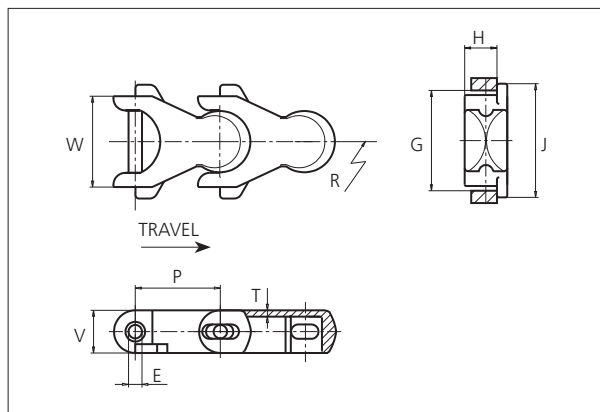


Fabrication & service

Expert advice, quality solutions
and local service
for all your belting needs
www.unichains.com

uni Flex Plastic Chain

Series **uni 1701** Type **Tab**



uni Flex Plastic Chain

Side flexing chain
Pitch: 50.0 mm (1.97 in)
Backflex radius: 75.0 mm (3.00 in)
Permissible tensile strength:
POM material 4000 N (899 lbf)

Standard shipping lengths:
boxes of 122 links
= 6.100 m (20.0 ft)

E		G		H		J		P		T		V	
mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in
8.0	0.31	56.0	2.20	19.0	0.75	66.7	2.63	50.0	1.97	3.9	0.15	25.0	0.98

All dimensions are for chains in POM material.

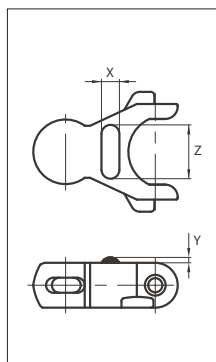
Width (W)		Material & color	Pin material	Weight		Min. radius (R)	
mm	in			kg/m	lb/ft	mm	in
53.3	2.10	POM-D W POM-D G POM-LF BR	SS304	1.5	1.01	150.0	5.91

Non standard material and color: See uni Material and Color Overview.

Non standard pin material: See uni Material and Color Overview.

Accessories

Rubber Top



When ordering, please state the required distance between the Rubber Top.

Other Non Standard rubber profiles:
See uni Rubber Profile Overview

Link material	Rubber material	X		Z		Y	
		mm	in	mm	in	mm	in
POM-D W	05 I	10.0	0.39	30.0	1.18	3.0	0.12

STANDARD

SIDE FLEXING

PITCH 50.0 MM/1.97 IN

Sprocket

No of teeth	Pitch diameter		Overall-diameter		Min. ø bore		Max. ø bore		Hub-diameter		Dimension A		Dimension B		Molded PA6	Molded Cast Iron	Machined SS304
	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in			
Z8	130.7	5.14	133.0	5.20	20.00	0.80	40.00	1.60	63.00	2.50	47.90	1.90	82.40	3.20	✓	✓	✓
Z10	161.8	6.37	166.1	6.50	20.00	0.80	40.00	1.60	63.00	2.50	64.50	2.50	97.30	3.80	✓	✓	✓
Z12	193.2	7.61	196.0	7.70	20.00	0.80	40.00	1.60	63.00	2.50	80.80	3.20	112.40	4.40	✓	✓	
Z13	208.9	8.22	214.0	8.40	20.00	0.80	40.00	1.60	63.00	2.50	88.90	3.50	120.10	4.70	✓	✓	

Molded sprocket



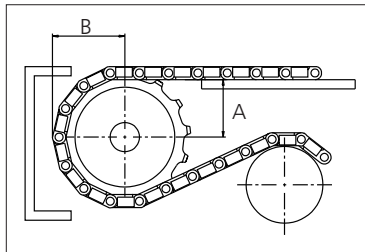
Cast iron sprocket



Machined sprocket



Non standard material and color:
See uni Material and Color Overview.



Please ensure that sufficient size shaft and keyway are chosen for corresponding load.

Other sprocket sizes are available upon request

Width of tooth: 11.0 mm/0.43 in

Width of sprocket: 42.3 mm/1.67 in

uni Retainer Rings: See uni Retainer Ring data sheet

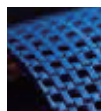
uni Idler: See uni Idler data sheet



Conveyor Belts



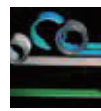
Seamless Belts



Modular Belts



Timing Belts



Transmission Belts

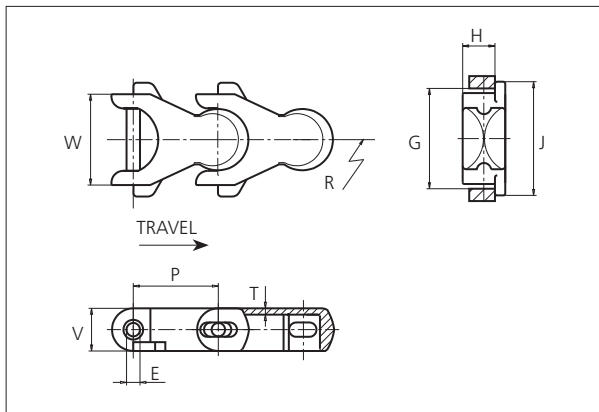


Fabrication & service

Expert advice, quality solutions
and local service
for all your belting needs
www.unichains.com

uni Flex Plastic Chain

Series **uni 1701** Type **Tab R**



uni Flex Plastic Chain

Side flexing chain
Pitch: 50.0 mm (1.97 in)
Backflex radius:
75.0 mm (3.00 in)
Permissible tensile strength:
POM material 4000 N (899 lbf)

Standard shipping lengths:
boxes of 122 links
= 6.105 m (20.0 ft)

E		G*		H		J		P		T		V	
mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in
8.0	0.31	56.0	2.20	19.0	0.75	66.7	2.63	50.0	1.97	3.9	0.15	25.0	0.98

All dimensions are for chains in POM material.

* G = 55 mm (2.17 in) when R > 500 mm (19.69 in).

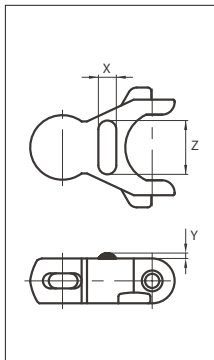
Width (W)		Material & color	Pin material	Weight		Min. radius (R)	
mm	in			kg/m	lb/ft	mm	in
53.2	2.09	POM-LF BR	SS304	1.5	1.01	125.0	4.92

Non standard material and color: See uni Material and Color Overview.

Non standard pin material: See uni Material and Color Overview.

Accessories

Rubber Top



When ordering, please state the required distance between the Rubber Top.

Other Non Standard rubber profiles:
See uni Rubber Profile Overview

Link material	Rubber material	X		Z		Y	
		mm	in	mm	in	mm	in
POM-LF BR	05 I	10.0	0.39	25.0	0.98	3.0	0.12

Sprocket

No of teeth	Pitch diameter		Overall-diameter		Min. ø bore		Max. ø bore		Hub-diameter		Dimension A		Dimension B		Molded PA6	Molded Cast Iron	Machined SS304
	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in			
Z8	130.7	5.14	133.0	5.20	20.00	0.80	40.00	1.60	63.00	2.50	47.90	1.90	82.40	3.20	✓	✓	✓
Z10	161.8	6.37	166.1	6.50	20.00	0.80	40.00	1.60	63.00	2.50	64.50	2.50	97.30	3.80	✓	✓	✓
Z12	193.2	7.61	196.0	7.70	20.00	0.80	40.00	1.60	63.00	2.50	80.80	3.20	112.40	4.40	✓	✓	
Z13	208.9	8.22	214.0	8.40	20.00	0.80	40.00	1.60	63.00	2.50	88.90	3.50	120.10	4.70	✓	✓	

Molded sprocket



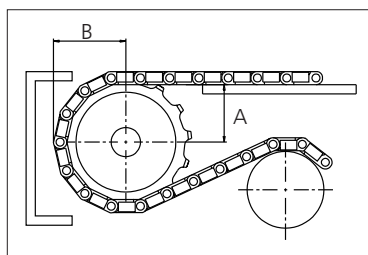
Cast iron sprocket



Machined sprocket



Non standard material and color:
See uni Material and Color Overview.



Please ensure that sufficient size shaft and keyway are chosen for corresponding load.

Other sprocket sizes are available upon request

Width of tooth: 11.0 mm/0.43 in

Width of sprocket: 42.3 mm/1.67 in

uni Retainer Rings: See uni Retainer Ring data sheet

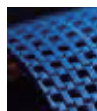
uni Idler: See uni Idler data sheet



Conveyor Belts



Seamless Belts



Modular Belts



Timing Belts



Transmission Belts

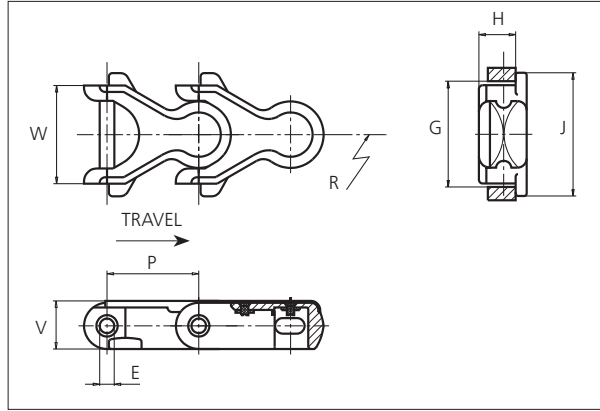


Fabrication & service

Expert advice, quality solutions
and local service
for all your belting needs
www.unichains.com

uni Flex Plastic Chain

Series **uni 1701** Type **Tab R ST**



uni Flex Plastic Chain

Side flexing chain

Pitch: 50.0 mm (1.97 in)

Backflex radius:

75.0 mm (3.00 in)

Permissible tensile strength:

POM material 4000 N (899 lbf)

Standard shipping lengths:

boxes of 122 links

= 6.105 m (20.0 ft)

Steel top cover: SS430

thickness 1.0 mm (0.04 in)

NON STANDARD

E		G		H		J		P		V	
mm	in	mm	in	mm	in	mm	in	mm	in	mm	in
8.0	0.31	56.0	2.20	20.0	0.79	66.7	2.63	50.0	1.97	26.0	1.02

All dimensions are for chains in POM material.

Width (W)		Recommended material & color	Recommended pin material	Weight		Min. radius (R)	
mm	in			kg/m	lb/ft	mm	in
53.3	2.10	POM-LF BR	SS304	-	-	125.0	4.92

Non standard material and color: See uni Material and Color Overview.

Non standard pin material: See uni Material and Color Overview.

SIDE FLEXING

PITCH 50.0 MM/1.97 IN

Sprocket

No of teeth	Pitch diameter		Overall-diameter		Min. ø bore		Max. ø bore		Hub-diameter		Dimension A		Dimension B		Molded PA6	Molded Cast Iron	Machined PA6	Machined SS304
	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in				
Z8	130.7	5.14	133.0	5.20	20.00	0.80	40.00	1.60	63.00	2.50	47.90	1.90	82.40	3.20	✓	✓	✓	✓
Z10	161.8	6.37	166.1	6.50	20.00	0.80	40.00	1.60	63.00	2.50	64.50	2.50	97.30	3.80	✓	✓	✓	✓
Z12	193.2	7.61	196.0	7.70	20.00	0.80	40.00	1.60	63.00	2.50	80.80	3.20	112.40	4.40	✓	✓	✓	
Z13	208.9	8.22	214.0	8.40	20.00	0.80	40.00	1.60	63.00	2.50	88.90	3.50	120.10	4.70	✓	✓	✓	

Molded sprocket



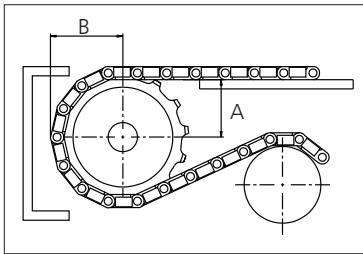
Cast iron sprocket



Machined sprocket



Non standard material and color:
See uni Material and Color Overview.



Please ensure that sufficient size shaft and keyway are chosen for corresponding load.

Other sprocket sizes are available upon request

Width of tooth: 11.0 mm/0.43 in

Width of sprocket: 42.3 mm/1.67 in

uni Retainer Rings: See uni Retainer Ring data sheet

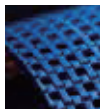
uni Idler: See uni Idler data sheet



Conveyor Belts



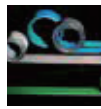
Seamless Belts



Modular Belts



Timing Belts



Transmission Belts

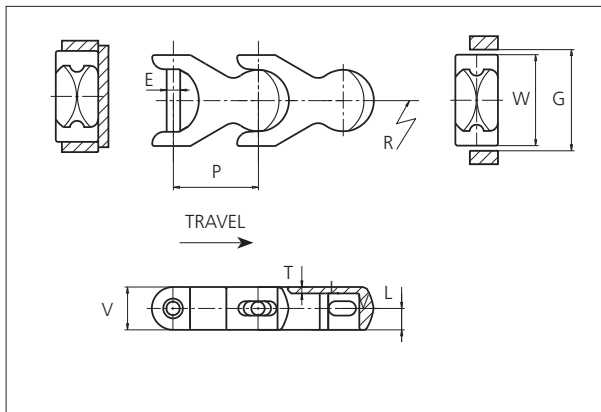


Fabrication & service

Expert advice, quality solutions
and local service
for all your belting needs
www.unichains.com

uni Flex Plastic Chain

Series **uni 1702** Type -



uni Flex Plastic Chain

Side flexing chain
Pitch: 50.0 mm (1.97 in)
Backflex radius: 75.0 mm (3.00 in)
Permissible tensile strength:
POM material 4000 N (899 lbf)

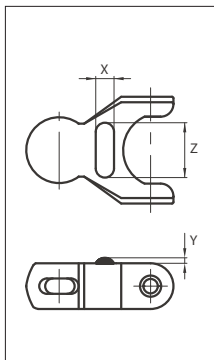
Standard shipping lengths:
boxes of 122 links
= 6.100 m (20.0 ft)

E		G		L		P		T		V	
mm	in	mm	in	mm	in	mm	in	mm	in	mm	in
8.0	56.90	59.0	2.24	12.7	0.50	50.0	1.97	3.5	0.14	25.0	0.98

Width (W)		Material & color	Pin material	Weight		Min. radius (R)	
mm	in			kg/m	lb/ft	mm	in
53.3	2.10	POM-D W POM-D G POM-LF BR POM-SLF	SS304	1.5	1.01	150.0	5.91

Accessories

Rubber Top



When ordering, please state the required distance between the Rubber Top.

Other Non Standard rubber profiles:
See uni Rubber Profile Overview

Link material	Rubber material	X		Z		Y	
		mm	in	mm	in	mm	in
POM-D W	05 I	10.0	0.39	30.0	1.18	3.0	0.12

Sprocket

No of teeth	Pilot bore	Pitch diameter		Overall-diameter		Min. ø bore		Max. ø bore		Hub-diameter		A-dimension		B-dimension		One row / Two way	Molded PA6
		mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in		
Z8	✓	130.7	5.14	133.0	5.20	20.00	0.80	40.00	1.60	63.00	2.50	47.90	1.90	82.40	3.20	✓	✓
Z10	✓	161.8	6.37	166.1	6.50	20.00	0.80	40.00	1.60	63.00	2.50	64.50	2.50	97.30	3.80	✓	✓
Z12	✓	193.2	7.61	196.0	7.70	20.00	0.80	40.00	1.60	63.00	2.50	80.80	3.20	112.40	4.40	✓	✓
Z13	✓	208.9	8.22	214.0	8.40	20.00	0.80	40.00	1.60	63.00	2.50	88.90	3.50	120.10	4.70	✓	✓

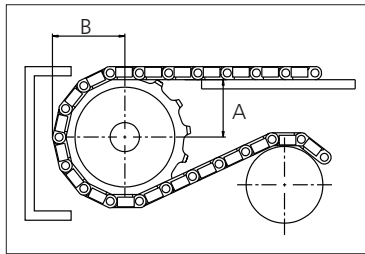
Molded sprocket



Cast iron sprocket



Machined sprocket



Please ensure that sufficient size shaft and keyway are chosen for corresponding load.

Other sprocket sizes are available upon request

Width of tooth: 11.0 mm/0.43 in

Width of sprocket: 42.3 mm/1.67 in

uni Retainer Rings: See uni Retainer Ring data sheet

uni Idler: See uni Idler data sheet

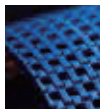
uni 1702/160621



Conveyor Belts



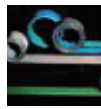
Seamless Belts



Modular Belts



Timing Belts



Transmission Belts

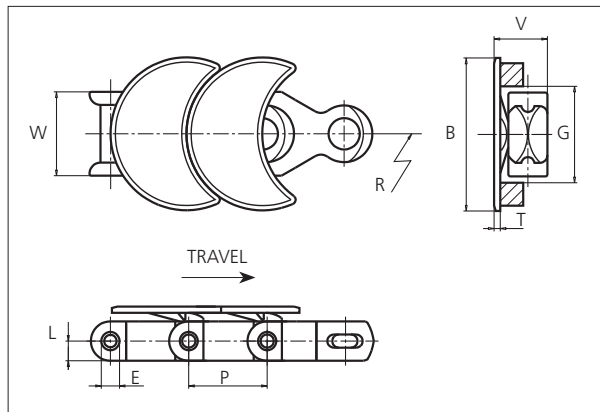


Fabrication & service

Expert advice, quality solutions
and local service
for all your belting needs
www.unichains.com

uni Flex Plastic Chain

Series **uni 1702** Type **H**



uni Flex Plastic Chain

Side flexing chain

Pitch: 50.0 mm (1.97 in)

Permissible tensile strength:
POM material 4000 N (899 lbf)

Standard shipping lengths:
boxes of 61 links
= 3.050 m (10.0 ft)

B		E		G		L		P		T		V	
mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in
98.0	3.86	8.0	0.31	56.9	2.24	12.7	0.50	50.0	1.97	4.0	0.16	35.0	1.38

All dimensions are for chains in POM material.

Width (W)		Recommended base material & color	Recommended plate material	Weight		Min. radius (R)	
mm	in			kg/m	lb/ft	mm	in
53.3	2.10	POM-D W POM-D G POM-LF BR	POM-SLF W POM-SLF G POM-LF BR	-	-	150.0	5.91

Non standard material and color: See uni Material and Color Overview.

Non standard pin material: See uni Material and Color Overview.

NON STANDARD

SIDE FLEXING

PITCH 50.0 MM/1.97 IN

Sprocket

No of teeth	Pitch diameter		Overall-diameter		Min. ø bore		Max. ø bore		Hub-diameter		Dimension A		Dimension B		Molded PA6	Molded Cast Iron	Machined SS304
	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in			
Z8	130.7	5.14	133.0	5.20	20.00	0.80	40.00	1.60	63.00	2.50	47.90	1.90	82.40	3.20	✓	✓	✓
Z10	161.8	6.37	166.1	6.50	20.00	0.80	40.00	1.60	63.00	2.50	64.50	2.50	97.30	3.80	✓	✓	✓
Z12	193.2	7.61	196.0	7.70	20.00	0.80	40.00	1.60	63.00	2.50	80.80	3.20	112.40	4.40	✓	✓	
Z13	208.9	8.22	214.0	8.40	20.00	0.80	40.00	1.60	63.00	2.50	88.90	3.50	120.10	4.70	✓	✓	

Molded sprocket



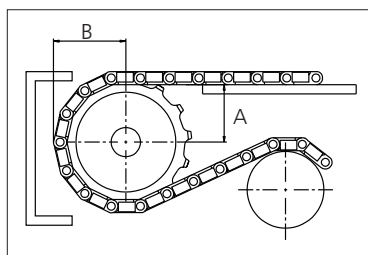
Cast iron sprocket



Machined sprocket



Non standard material and color:
See uni Material and Color Overview.



Please ensure that sufficient size shaft and keyway are chosen for corresponding load.

Other sprocket sizes are available upon request

Width of tooth: 11.0 mm/0.43 in

Width of sprocket: 42.3 mm/1.67 in

uni Retainer Rings: See uni Retainer Ring data sheet

uni Idler: See uni Idler data sheet

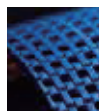
uni 1702 H/160621



Conveyor Belts



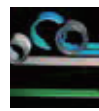
Seamless Belts



Modular Belts



Timing Belts



Transmission Belts

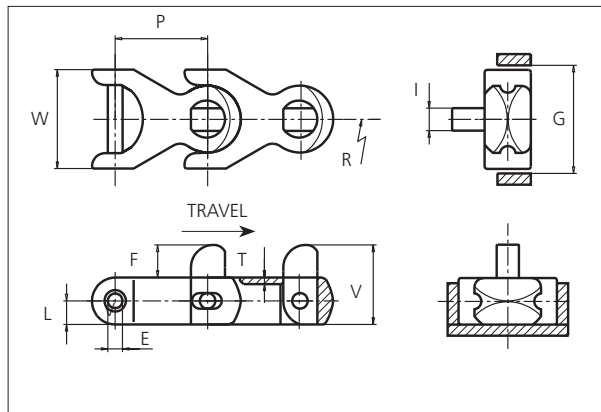


Fabrication & service

Expert advice, quality solutions
and local service
for all your belting needs
www.unichains.com

uni Flex Plastic Chain

Series **uni 1702** Type **M**



uni Flex Plastic Chain

Side flexing chain
Pitch: 50.0 mm (1.97 in)
Backflex radius: 125.0 mm (4.90 in)
Permissible tensile strength:
POM material 4000 N (899 lbf)

Standard shipping lengths:
boxes of 122 links
= 6.100 m (20.0 ft)

E		F		G		I		L		P		T		V	
mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in
8.0	0.31	17.5	0.69	56.9	2.24	12.0	0.47	12.7	0.50	50.0	1.97	3.5	0.14	42.5	1.67

All dimensions are for chains in POM material.

Width (W)		Base material & color	Peg material	Pin material	Weight		Min. radius (R)	
mm	in				kg/m	lb/ft	mm	in
53.3	2.10	POM-D W	POM-D W POM-D G	SS304	1.5	1.01	150.0	5.91

Non standard material and color: See uni Material and Color Overview.

Non standard pin material: See uni Material and Color Overview.

When ordering, please state the required distance between the pegs.

STANDARD

SIDE FLEXING

PITCH 50.0 MM/1.97 IN

Sprocket

No of teeth	Pitch diameter		Overall-diameter		Min. ø bore		Max. ø bore		Hub-diameter		Dimension A		Dimension B		Molded PA6	Molded Cast Iron	Machined SS304
	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in			
Z8	130.7	5.14	133.0	5.20	20.00	0.80	40.00	1.60	63.00	2.50	47.90	1.90	82.40	3.20	✓	✓	✓
Z10	161.8	6.37	166.1	6.50	20.00	0.80	40.00	1.60	63.00	2.50	64.50	2.50	97.30	3.80	✓	✓	✓
Z12	193.2	7.61	196.0	7.70	20.00	0.80	40.00	1.60	63.00	2.50	80.80	3.20	112.40	4.40	✓	✓	
Z13	208.9	8.22	214.0	8.40	20.00	0.80	40.00	1.60	63.00	2.50	88.90	3.50	120.10	4.70	✓	✓	

Molded sprocket



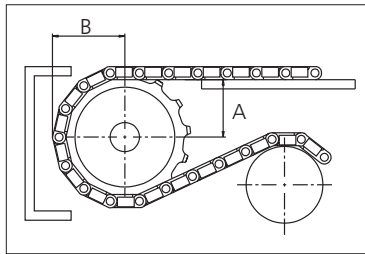
Cast iron sprocket



Machined sprocket



Non standard material and color:
See uni Material and Color Overview.



Please ensure that sufficient size shaft and keyway are chosen for corresponding load.

Other sprocket sizes are available upon request.

Width of tooth: 11.0 mm/0.43 in

Width of sprocket: 42.3 mm/1.67 in

uni Retainer Rings: See uni Retainer Ring data sheet.

uni Idler: See uni Idler data sheet.

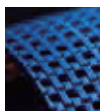
uni 1702 M/160621



Conveyor Belts



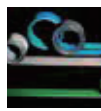
Seamless Belts



Modular Belts



Timing Belts



Transmission Belts

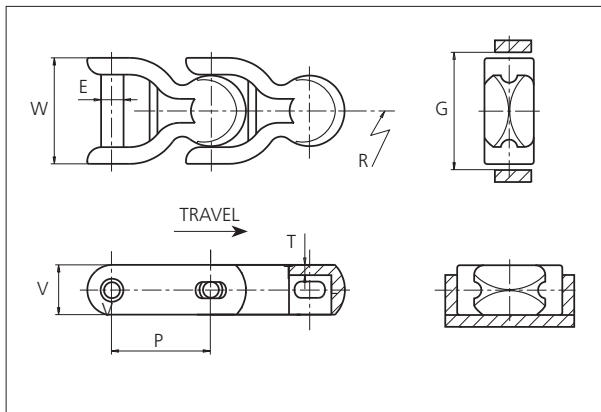


Fabrication & service

Expert advice, quality solutions
and local service
for all your belting needs
www.unichains.com

uni Flex Plastic Chain

Series **uni 1703** Type -



uni Flex Plastic Chain

Side flexing chain
Pitch: 50.0 mm (1.97 in)
Backflex radius: 75.0 mm (3.00 in)
Permissible tensile strength:
POM material 4000 N (899 lbf)
AR material 2800 N (630 lbf)

Standard shipping lengths:
boxes of 122 links
= 6.100 m (20.0 ft)

E		G		P		T		V	
mm	in	mm	in	mm	in	mm	in	mm	in
8.0	0.31	56.9	2.24	50.0	1.97	4.0	0.16	25.0	0.98

All dimensions are for chains in POM material.

Width (W)		Material & color	Pin material	Weight		Min. radius (R)	
mm	in			kg/m	lb/ft	mm	in
53.3	2.10	POM-D W AR W	SS304	1.4	0.94	150.0	5.91

Non standard material and color: See uni Material and Color Overview.

Non standard pin material: See uni Material and Color Overview.

STANDARD

SIDE FLEXING

PITCH 50.0 MM/1.97 IN

Sprocket

No of teeth	Pitch diameter		Overall-diameter		Min. ø bore		Max. ø bore		Hub-diameter		Dimension A		Dimension B		Molded PA6	Molded Cast Iron	Machined SS304
	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in			
Z8	130.7	5.14	133.0	5.20	20.00	0.80	40.00	1.60	63.00	2.50	47.90	1.90	82.40	3.20	✓	✓	✓
Z10	161.8	6.37	166.1	6.50	20.00	0.80	40.00	1.60	63.00	2.50	64.50	2.50	97.30	3.80	✓	✓	✓
Z12	193.2	7.61	196.0	7.70	20.00	0.80	40.00	1.60	63.00	2.50	80.80	3.20	112.40	4.40	✓	✓	
Z13	208.9	8.22	214.0	8.40	20.00	0.80	40.00	1.60	63.00	2.50	88.90	3.50	120.10	4.70	✓	✓	

Molded sprocket



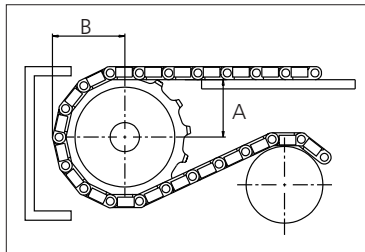
Cast iron sprocket



Machined sprocket



Non standard material and color:
See uni Material and Color Overview.



Please ensure that sufficient size shaft and keyway are chosen for corresponding load.

Other sprocket sizes are available upon request

Width of tooth: 11.0 mm/0.43 in

Width of sprocket: 42.3 mm/1.67 in

uni Retainer Rings: See uni Retainer Ring data sheet

uni Idler: See uni Idler data sheet

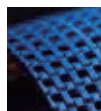
uni 1703/160621



Conveyor Belts



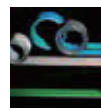
Seamless Belts



Modular Belts



Timing Belts



Transmission Belts

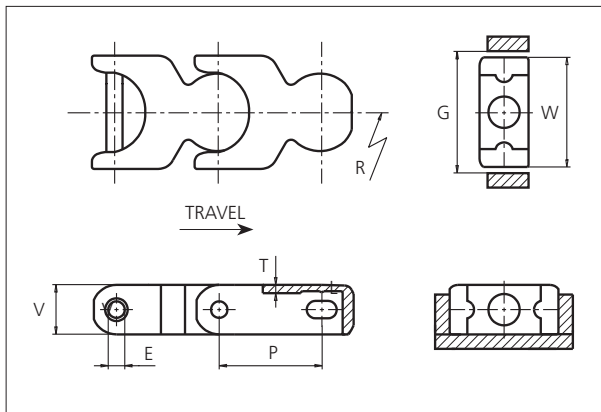


Fabrication & service

Expert advice, quality solutions
and local service
for all your belting needs
www.unichains.com

uni Flex Plastic Chain

Series **uni 1704** Type -



uni Flex Plastic Chain

Side flexing chain
Pitch: 50.0 mm (1.97 in)
Backflex radius: 75.0 mm (3.00 in)
Permissible tensile strength:
POM material 4000 N (899 lbf)

Standard shipping lengths:
boxes of 122 links
= 6.100 m (20.0 ft)

E		G		P		T		V	
mm	in	mm	in	mm	in	mm	in	mm	in
8.0	0.31	56.9	2.24	50.0	1.97	4.0	0.16	23.9	0.94

All dimensions are for chains in POM material.

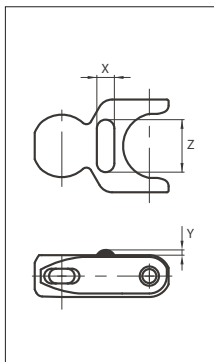
Width (W)		Material & color	Pin material	Weight		Min. radius (R)	
mm	in			kg/m	lb/ft	mm	in
53.3	2.10	POM-D W POM-D G	SS304	1.3	0.87	137.5	5.41

Non standard material and color: See uni Material and Color Overview.

Non standard pin material: See uni Material and Color Overview.

Accessories

Rubber Top/NON STANDARD



When ordering, please state the required distance between the Rubber Top.

Other Non Standard rubber profiles:
See uni Rubber Profile Overview

Link material	Rubber material	X		Z		Y	
		mm	in	mm	in	mm	in
POM-D W	05 I	10.0	0.39	30.0	1.18	3.0	0.12

Sprocket

No of teeth	Pitch diameter		Overall-diameter		Min. ø bore		Max. ø bore		Hub-diameter		Dimension A		Dimension B		Molded PA6	Molded Cast Iron	Machined SS304
	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in			
Z8	130.7	5.14	133.0	5.20	20.00	0.80	40.00	1.60	63.00	2.50	47.90	1.90	82.40	3.20	✓	✓	✓
Z10	161.8	6.37	166.1	6.50	20.00	0.80	40.00	1.60	63.00	2.50	64.50	2.50	97.30	3.80	✓	✓	✓
Z12	193.2	7.61	196.0	7.70	20.00	0.80	40.00	1.60	63.00	2.50	80.80	3.20	112.40	4.40	✓	✓	
Z13	208.9	8.22	214.0	8.40	20.00	0.80	40.00	1.60	63.00	2.50	88.90	3.50	120.10	4.70	✓	✓	

Molded sprocket



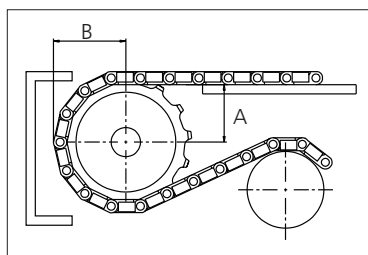
Cast iron sprocket



Machined sprocket



Non standard material and color:
See uni Material and Color Overview.



Please ensure that sufficient size shaft and keyway are chosen for corresponding load.

Other sprocket sizes are available upon request

Width of tooth: 11.0 mm/0.43 in

Width of sprocket: 42.3 mm/1.67 in

uni Retainer Rings: See uni Retainer Ring data sheet

uni Idler: See uni Idler data sheet

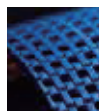
uni 1704/160621



Conveyor Belts



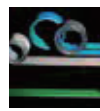
Seamless Belts



Modular Belts



Timing Belts



Transmission Belts

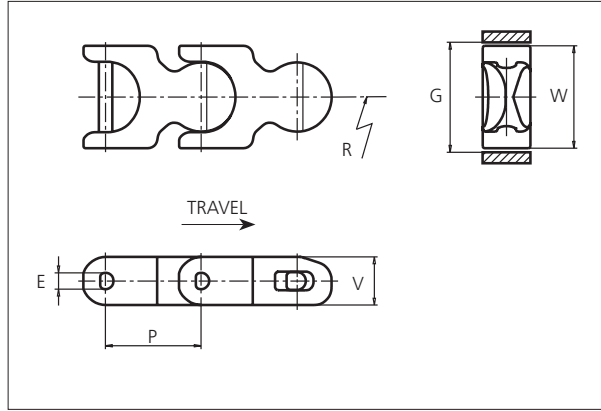


Fabrication & service

Expert advice, quality solutions
and local service
for all your belting needs
www.unichains.com

uni Flex Plastic Chain

Series **uni 1705** Type -



uni Flex Plastic Chain

Side flexing chain
Pitch: 50.0 mm (1.97 in)
Backflex radius:
75.0 mm (3.00 in)
Permissible tensile strength:
POM material 3100 N (689 lbf)

Standard shipping lengths:
boxes of 122 links
= 6.100 m (20.0 ft)

E		G		P		V	
mm	in	mm	in	mm	in	mm	in
8.7	0.34	57.0	2.24	50.0	1.97	25.0	0.98

All dimensions are for chains in POM material.

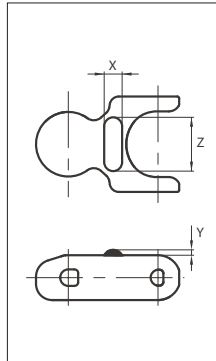
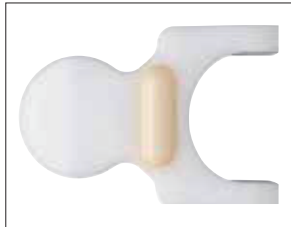
Width (W)		Material & color	Pin material	Weight		Min. radius (R)	
mm	in			kg/m	lb/ft	mm	in
53.2	2.09	POM-D W	SS304	1.4	0.94	136.0	5.35

Non standard material and color: See uni Material and Color Overview.

Non standard pin material: See uni Material and Color Overview.

Accessories

Rubber Top/NON STANDARD



When ordering, please state the required distance between the Rubber Top.

Other Non Standard rubber profiles:
See uni Rubber Profile Overview

Link material	Rubber material	X		Z		Y	
		mm	in	mm	in	mm	in
POM-D W	05 I	10.0	0.39	30.0	1.18	3.0	0.12

Sprocket

No of teeth	Pitch diameter		Overall-diameter		Min. ø bore		Max. ø bore		Hub-diameter		Dimension A		Dimension B		Molded PA6	Molded Cast Iron	Machined SS304
	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in			
Z8	130.7	5.14	133.0	5.20	20.00	0.80	40.00	1.60	63.00	2.50	47.90	1.90	82.40	3.20	✓	✓	✓
Z10	161.8	6.37	166.1	6.50	20.00	0.80	40.00	1.60	63.00	2.50	64.50	2.50	97.30	3.80	✓	✓	✓
Z12	193.2	7.61	196.0	7.70	20.00	0.80	40.00	1.60	63.00	2.50	80.80	3.20	112.40	4.40	✓	✓	
Z13	208.9	8.22	214.0	8.40	20.00	0.80	40.00	1.60	63.00	2.50	88.90	3.50	120.10	4.70	✓	✓	

Molded sprocket



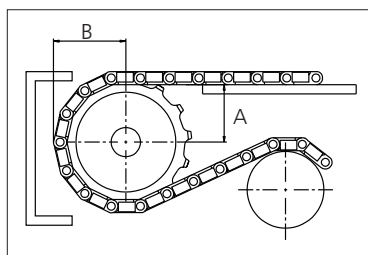
Cast iron sprocket



Machined sprocket



Non standard material and color:
See uni Material and Color Overview.



Please ensure that sufficient size shaft and keyway are chosen for corresponding load.

Other sprocket sizes are available upon request

Width of tooth: 11.0 mm/0.43 in

Width of sprocket: 42.3 mm/1.67 in

uni Retainer Rings: See uni Retainer Ring data sheet

uni Idler: See uni Idler data sheet

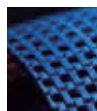
uni 1705/160624



Conveyor Belts



Seamless Belts



Modular Belts



Timing Belts



Transmission Belts

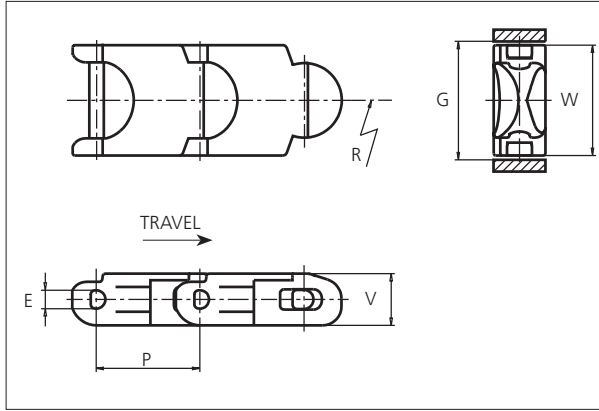


Fabrication & service

Expert advice, quality solutions
and local service
for all your belting needs
www.unichains.com

uni Flex Plastic Chain

Series **uni 1706** Type -



uni Flex Plastic Chain

Side flexing chain
Pitch: 50.0 mm (1.97 in)
Backflex radius: 120.0 mm (4.70 in)
Permissible tensile strength:
POM material 3100 N (689 lbf)

Standard shipping lengths:
boxes of 122 links
= 6.100 m (20.0 ft)

E		G		P		V	
mm	in	mm	in	mm	in	mm	in
8.7	0.34	57.0	2.24	50.0	1.97	24.0	0.95

All dimensions are for chains in POM material.

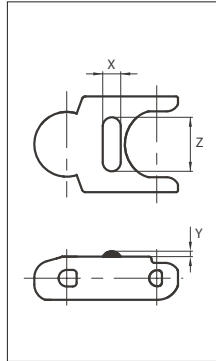
Width (W)		Material & color	Pin material	Weight		Min. radius (R)	
mm	in			kg/m	lb/ft	mm	in
53.2	2.09	POM-D W	SS304	1.4	0.94	150.0	5.91

Non standard material and color: See uni Material and Color Overview.

Non standard pin material: See uni Material and Color Overview.

Accessories

Rubber Top/NON STANDARD



When ordering, please state the required distance between the Rubber Top.

Other Non Standard rubber profiles:
See uni Rubber Profile Overview

Link material	Rubber material	X		Z		Y	
		mm	in	mm	in	mm	in
POM-D W	05 I	10.0	0.39	30.0	1.18	3.0	0.12

Sprocket

No of teeth	Pitch diameter		Overall-diameter		Min. ø bore		Max. ø bore		Hub-diameter		Dimension A		Dimension B		Molded PA6	Molded Cast Iron	Machined SS304
	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in			
Z8	130.7	5.14	133.0	5.20	20.00	0.80	40.00	1.60	63.00	2.50	47.90	1.90	82.40	3.20	✓	✓	✓
Z10	161.8	6.37	166.1	6.50	20.00	0.80	40.00	1.60	63.00	2.50	64.50	2.50	97.30	3.80	✓	✓	✓
Z12	193.2	7.61	196.0	7.70	20.00	0.80	40.00	1.60	63.00	2.50	80.80	3.20	112.40	4.40	✓	✓	
Z13	208.9	8.22	214.0	8.40	20.00	0.80	40.00	1.60	63.00	2.50	88.90	3.50	120.10	4.70	✓	✓	

Molded sprocket



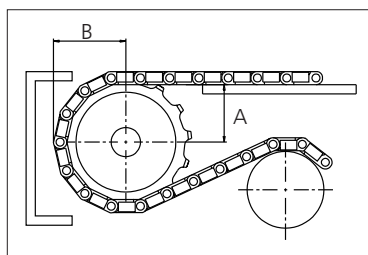
Cast iron sprocket



Machined sprocket



Non standard material and color:
See uni Material and Color Overview.



Please ensure that sufficient size shaft and keyway are chosen for corresponding load.

Other sprocket sizes are available upon request

Width of tooth: 11.0 mm/0.43 in

Width of sprocket: 42.3 mm/1.67 in

uni Retainer Rings: See uni Retainer Ring data sheet

uni Idler: See uni Idler data sheet

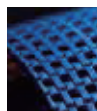
uni 1706/160624



Conveyor Belts



Seamless Belts



Modular Belts



Timing Belts



Transmission Belts

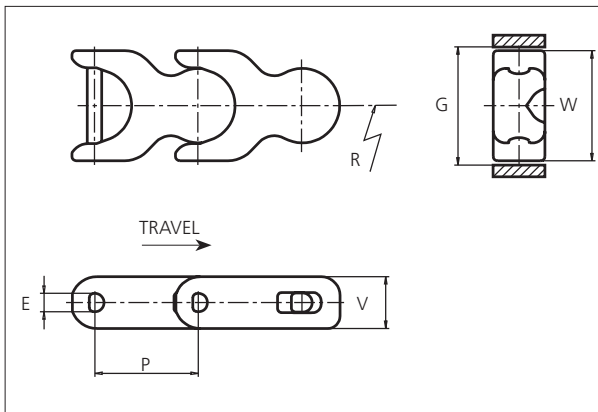


Fabrication & service

Expert advice, quality solutions
and local service
for all your belting needs
www.unichains.com

uni Flex Plastic Chain

Series **uni 1707** Type -



uni Flex Plastic Chain

Side flexing chain
Pitch: 50.0 mm (1.97 in)
Backflex radius:
70.0 mm (2.80 in)
Permissible tensile strength:
POM material 3200 N (719 lbf)

Standard shipping lengths:
boxes of 122 links
= 6.105 m (20.0 ft)

E		G		P		V	
mm	in	mm	in	mm	in	mm	in
8.7	0.34	57.0	2.24	50.0	1.97	25.0	0.98

All dimensions are for chains in POM material.

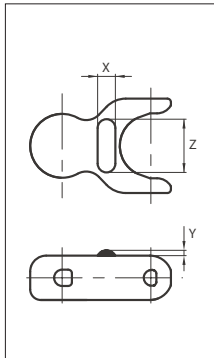
Width (W)		Recommended material & color	Recommended Pin material	Weight		Min. radius (R)	
mm	in			kg/m	lb/ft	mm	in
53.2	2.09	POM-D W	SS304	-	-	135.0	5.31

Non standard material and color: See uni Material and Color Overview.

Non standard pin material: See uni Material and Color Overview.

Accessories

Rubber Top



When ordering, please state the required distance between the Rubber Top.

Other Non Standard rubber profiles:
See uni Rubber Profile Overview

Link material	Rubber material	X		Z		Y	
		mm	in	mm	in	mm	in
POM-D W	05 I	10.0	0.39	25.0	0.98	3.0	0.12

Sprocket

No of teeth	Pitch diameter		Overall-diameter		Min. ø bore		Max. ø bore		Hub-diameter		Dimension A		Dimension B		Molded PA6	Molded Cast Iron	Machined PA6	Machined SS304
	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in				
Z8	130.7	5.14	133.0	5.20	20.00	0.80	40.00	1.60	63.00	2.50	47.90	1.90	82.40	3.20	✓	✓	✓	✓
Z10	161.8	6.37	166.1	6.50	20.00	0.80	40.00	1.60	63.00	2.50	64.50	2.50	97.30	3.80	✓	✓	✓	✓
Z12	193.2	7.61	196.0	7.70	20.00	0.80	40.00	1.60	63.00	2.50	80.80	3.20	112.40	4.40	✓	✓	✓	
Z13	208.9	8.22	214.0	8.40	20.00	0.80	40.00	1.60	63.00	2.50	88.90	3.50	120.10	4.70	✓	✓	✓	

Molded sprocket



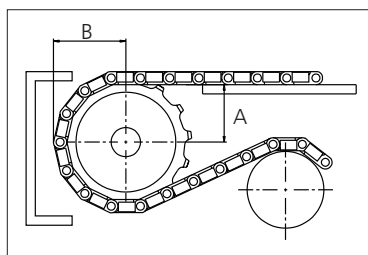
Cast iron sprocket



Machined sprocket



Non standard material and color:
See uni Material and Color Overview.



Please ensure that sufficient size shaft and keyway are chosen for corresponding load.

Other sprocket sizes are available upon request

Width of tooth: 11.0 mm/0.43 in

Width of sprocket: 42.3 mm/1.67 in

uni Retainer Rings: See uni Retainer Ring data sheet

uni Idler: See uni Idler data sheet

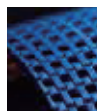
uni 1707/160622



Conveyor Belts



Seamless Belts



Modular Belts



Timing Belts



Transmission Belts

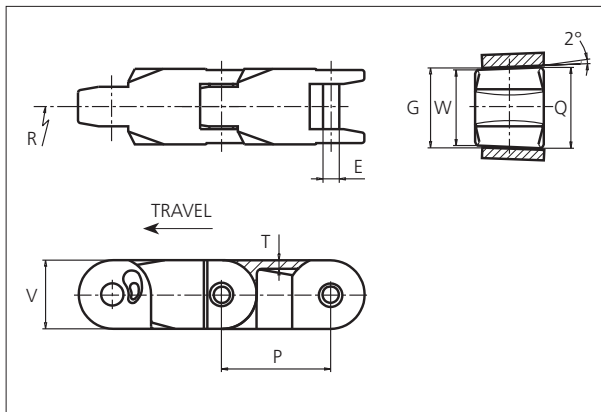


Fabrication & service

Expert advice, quality solutions
and local service
for all your belting needs
www.unichains.com

uni Flex Plastic Chain

Series **uni 2500** Type -



uni Flex Plastic Chain

Side flexing chain
Pitch: 63.5 mm (2.50 in)
Backflex radius:
75.0 mm (3.00 in)
Permissible tensile strength:
POM material 7500 N (1686 lbf)

Standard shipping lengths:
boxes of 96 links
= 6.096 m (20.0 ft)

E		G		P		Q		T		V	
mm	in	mm	in	mm	in	mm	in	mm	in	mm	in
9.5	0.37	46.4	1.83	63.5	2.50	47.0	1.85	5.0	0.20	40.0	1.57

All dimensions are for chains in POM material.

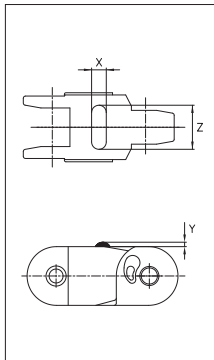
Width (W)		Material & color	Pin material	Weight		Min. radius (R)	
mm	in			kg/m	lb/ft	mm	in
44.0	1.73	POM-D W	SS304	2.0	1.34	600.0	23.62

Non standard material and color: See uni Material and Color Overview.

Non standard pin material: See uni Material and Color Overview.

Accessories

Rubber Top/NON STANDARD



When ordering, please state the required distance between the Rubber Top.

Other Non Standard rubber profiles:
See uni Rubber Profile Overview

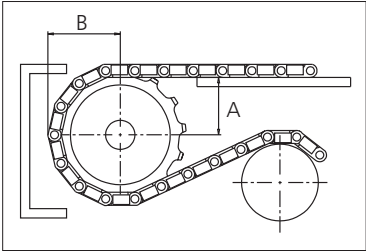
Link material	Rubber material	Z		X		Y	
		mm	in	mm	in	mm	in
POM-D W	05 I	30.0	1.18	10.0	0.39	3.0	0.12

Sprocket

No of teeth	Pitch diameter		Overall-diameter		Min. ø bore		Max. ø bore		Hub-diameter		Dimension A		Dimension B		 Machined PA6
	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	
Z6	126.7	4.99	136.0	5.35	20.00	0.8	40.00	1.6	63.00	2.5	35.00	1.4	83.30	3.3	✓
Z8	165.7	6.52	176.0	6.93	20.00	0.8	40.00	1.6	73.50	2.9	56.70	2.2	102.80	4.0	✓
Z15	305.3	12.02	317.4	12.50	20.00	0.8	40.00	1.6	73.50	2.9	129.40	5.1	172.70	6.8	✓

Machined sprocket

Non standard material and color:
See uni Material and Color Overview.



Please ensure that sufficient size shaft and keyway are chosen for corresponding load.

Other sprocket sizes are available upon request
Width of tooth: 11.0 mm/0.43 in
Width of sprocket: 42.3 mm/1.66 in
uni Retainer Rings: See uni Retainer Ring data sheet

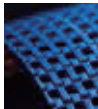
uni 2500/160621



Conveyor Belts



Seamless Belts



Modular Belts



Timing Belts



Transmission Belts

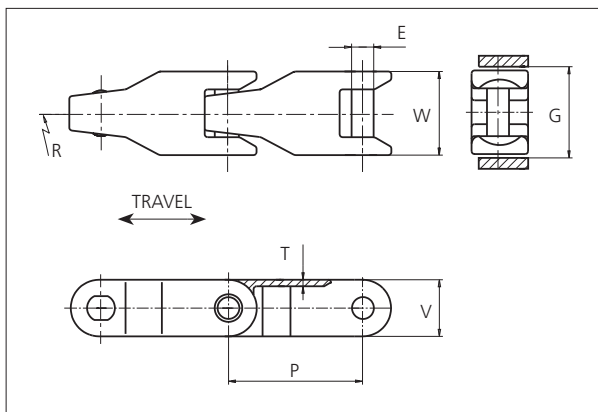


Fabrication & service

Solid advice
For all your belting needs
Local stock & service
www.unichains.com

uni Flex Plastic Chain

Series **uni 2600** Type **C**



uni Flex Plastic Chain

Side flexing chain
Pitch: 63.5 mm (2.50 in)
Backflex radius:
75.0 mm (3.00 in)
Permissible tensile strength:
POM material 6000 N (1349 lbf)

Standard shipping lengths:
boxes of 96 links
= 6.096 m (20.0 ft)

E		G		P		T		V	
mm	in	mm	in	mm	in	mm	in	mm	in
11.0	0.43	44.5	1.75	63.5	2.50	3.5	0.14	28.4	1.12

All dimensions are for chains in POM material.

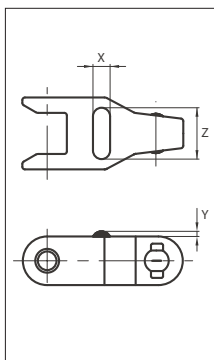
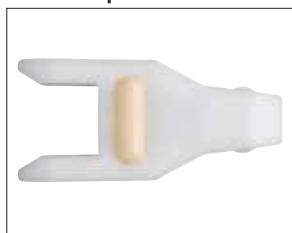
Nominal width (W)		Material & color	Pin material	Weight		Min. radius (R)	
mm	in			kg/m	lb/ft	mm	in
42.0	1.65	POM-D W G B	SS304	1.4	0.94	600.0	23.62

Non standard material and color: See uni Material and Color Overview.

Non standard pin material: See uni Material and Color Overview.

Accessories

Rubber Top



When ordering, please state the required distance between the Rubber Top.

Other Non Standard rubber profiles:
See uni Rubber Profile Overview.

Link material	Rubber material	Z		X		Y	
		mm	in	mm	in	mm	in
POM-D W	05 I	30.0	1.18	10.0	0.39	3.0	0.12

STANDARD

SIDE FLEXING

PITCH 63.5 MM/2.50 IN

Sprocket

No of teeth	Pitch diameter		Overall-diameter		Min. ø bore		Max. ø bore		Hub-diameter		Dimension A		Dimension B				
	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	Molded PA6	Molded Cast iron	Machined SS304
Z6	127.0	5.00	128.0	5.04	20.0	0.79	40.0	1.57	63.0	2.48	40.8	1.61	78.1	3.07	✓	✓	
Z8	165.9	6.53	168.9	6.65	20.0	0.79	50.0	1.97	73.5	2.89	62.5	2.46	97.5	3.84	✓	✓	✓
Z10	205.5	8.09	210.5	8.29	20.0	0.79	50.0	1.97	73.5	2.89	83.5	3.29	117.2	4.61	✓	✓	
Z11	225.4	8.87	231.4	9.11	20.0	0.79	50.0	1.97	73.5	2.89	93.9	3.70	127.1	5.00	✓	✓	

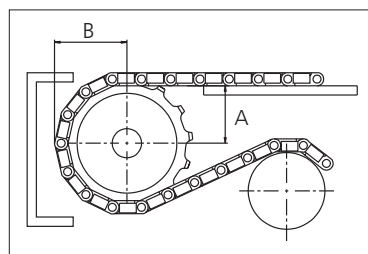
Machined sprocket



Cast iron sprocket



SS304 sprocket



Please ensure that sufficient size shaft and keyway are chosen for corresponding load.

Other sprocket sizes are available upon request

Width of tooth: 11.0 mm/0.43 in

Width of sprocket: 42.3 mm/1.66 in

uni Retainer Rings: See uni Retainer Ring data sheet

Non standard material and color:
See uni Material and Color Overview.

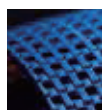
uni 2600 C/170210



Conveyor Belts



Seamless Belts



Modular Belts



Timing Belts



Transmission Belts

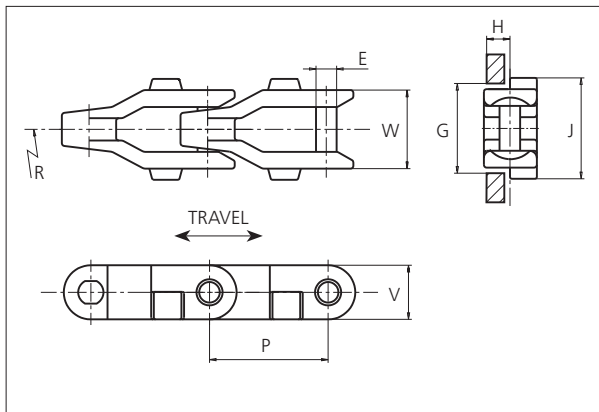


Fabrication & service

Expert advice, quality solutions
and local service
for all your belting needs
www.unichains.com

uni Flex Plastic Chain

Series **uni 2600** Type **Tab O**



uni Flex Plastic Chain

Side flexing chain
Pitch: 63.5 mm (2.50 in)
Backflex radius:
75.0 mm (3.00 in)
Permissible tensile strength:
POM material:
6000 N (1349 lbf)

Standard shipping lengths:
boxes of 96 links
= 6.096 m (20.0 ft)

E		G		H		J		P		V	
mm	in	mm	in	mm	in	mm	in	mm	in	mm	in
11.0	0.43	44.5	1.75	14.0	0.55	54.0	2.13	63.5	2.50	28.4	1.12

All dimensions are for chains in POM material.

Nominal width (W)		Material & color	Pin material	Weight		Min. radius (R)	
mm	in			kg/m	lb/ft	mm	in
42.0	1.65	POM-D W G B POM-SLF DG	SS304	1.4	0.94	600	23.62

Non standard material and color: See uni Material and Color Overview.

Non standard pin material: See uni Material and Color Overview.

Sprocket

No of teeth	Pitch diameter		Overall-diameter		Min. ø bore		Max. ø bore		Hub-diameter		Dimension A		Dimension B		Molded PA6	Molded Cast iron	Machined SS304
	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in			
Z6	127.0	5.00	128.0	5.04	20.0	0.79	40.0	1.57	63.0	2.48	40.8	1.61	78.1	3.07	✓	✓	
Z8	165.9	6.53	168.9	6.65	20.0	0.79	50.0	1.97	73.5	2.89	62.5	2.46	97.5	3.84	✓	✓	✓
Z10	205.5	8.09	210.5	8.29	20.0	0.79	50.0	1.97	73.5	2.89	83.5	3.29	117.2	4.61	✓	✓	
Z11	225.4	8.87	231.4	9.11	20.0	0.79	50.0	1.97	73.5	2.89	93.9	3.70	127.1	5.00	✓	✓	

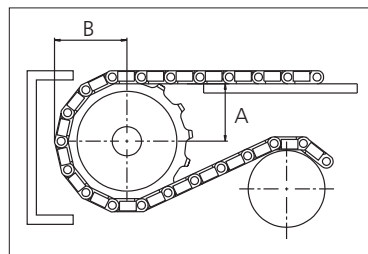
Machined sprocket



Cast iron sprocket



SS304 sprocket



Please ensure that sufficient size shaft and keyway are chosen for corresponding load.

Other sprocket sizes are available upon request
 Width of tooth: 11.0 mm/0.43 in
 Width of sprocket: 42.3 mm/1.66 in
 uni Retainer Rings: See uni Retainer Ring data sheet

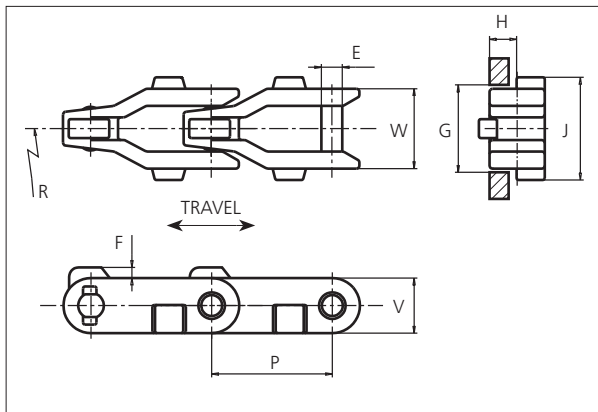
Non standard material and color:
 See uni Material and Color Overview.



Expert advice, quality solutions
 and local service
 for all your belting needs
www.unichains.com

uni Flex Plastic Chain

Series **uni 2600** Type **Tab O M**



uni Flex Plastic Chain

Side flexing chain
Pitch: 63.5 mm (2.50 in)
Backflex radius:
75.0 mm (3.00 in)
Permissible tensile strength:
POM material
6000 N (1349 lbf)

Standard shipping lengths:
boxes of 96 links
= 6.096 m (20.0 ft)

E		G		F		H		J		P		V	
mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in
11.0	0.43	44.5	1.75	5.6	0.22	14.0	0.55	54.0	2.13	63.5	2.50	28.4	1.12

All dimensions are for chains in POM material.

Nominal width (W)		Recommended Material & color	Recommended Pin material	Weight		Min. radius R	
mm	in			kg/m	lb/ft	mm	in
42.0	1.65	POM-D W POM-LF BR	SS304	1.6	1.08	600.0	23.62

Non standard material and color: See uni Material and Color Overview.

Non standard pin material: See uni Material and Color Overview.

When ordering, please, state the required distance between the product supports.

NON STANDARD

SIDE FLEXING

PITCH 63.5 MM/2.50 IN

Sprocket

No of teeth	Pitch diameter		Overall-diameter		Min. ø bore		Max. ø bore		Hub-diameter		Dimension A		Dimension B		Molded PA6	Molded Cast iron	Machined SS304
	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in			
Z6	127.0	5.00	128.0	5.04	20.0	0.79	40.0	1.57	63.0	2.48	40.8	1.61	78.1	3.07	✓	✓	
Z8	165.9	6.53	168.9	6.65	20.0	0.79	50.0	1.97	73.5	2.89	62.5	2.46	97.5	3.84	✓	✓	✓
Z10	205.5	8.09	210.5	8.29	20.0	0.79	50.0	1.97	73.5	2.89	83.5	3.29	117.2	4.61	✓	✓	
Z11	225.4	8.87	231.4	9.11	20.0	0.79	50.0	1.97	73.5	2.89	93.9	3.70	127.1	5.00	✓	✓	

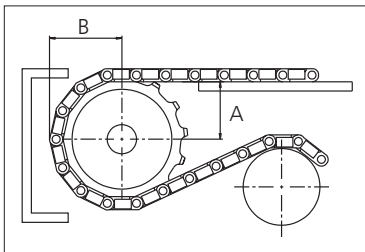
Machined sprocket



Cast iron sprocket



SS304 sprocket



Please ensure that sufficient size shaft and keyway are chosen for corresponding load.

Other sprocket sizes are available upon request
 Width of tooth: 11.0 mm/0.43 in
 Width of sprocket: 42.3 mm/1.66 in
 uni Retainer Rings: See uni Retainer Ring data sheet

Non standard material and color:
 See uni Material and Color Overview.

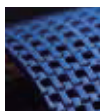
uni 2600 Tab O M/160623



Conveyor Belts



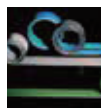
Seamless Belts



Modular Belts



Timing Belts



Transmission Belts

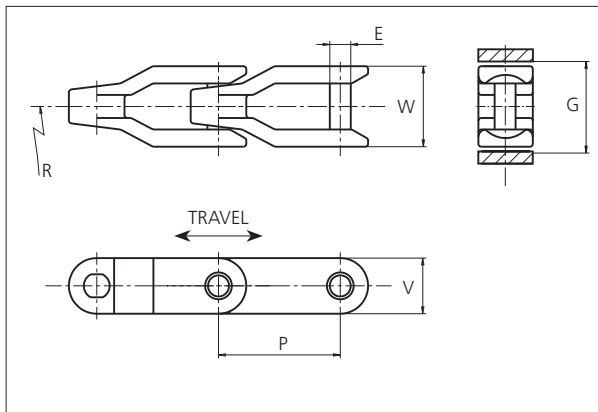


Fabrication & service

Solid advice
 For all your belting needs
 Local stock & service
www.unichains.com

uni Flex Plastic Chain

Series **uni 2600** Type **O**



uni Flex Chains

Side flexing chain

Pitch: 63.5 mm (2.50 in)

Backflex radius:
75.0 mm (3.00 in)

Permissible tensile strength:

POM material:
6000 N (1349 lbf)

Standard shipping lengths:
boxes of 96 links = 6.096 m
(20.0 ft)

E		G		P		V	
mm	in	mm	in	mm	in	mm	in
11.0	0.43	44.5	1.75	63.5	2.50	28.4	1.12

All dimensions are for chains in POM material.

Nominal width (W)		Material & color	Pin material	Weight		Min. radius (R)	
mm	in			kg/m	lb/ft	mm	in
42.0	1.65	POM-D W G B	SS304	1.3	0.87	600	23.62

Non standard material and color: See uni Material and Color Overview.

Non standard pin material: See uni Material and Color Overview.

Sprocket

No of teeth	Pitch diameter		Overall-diameter		Min. ø bore		Max. ø bore		Hub-diameter		Dimension A		Dimension B		Molded PA6	Molded Cast iron	Machined SS304
	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in			
Z6	127.0	5.00	128.0	5.04	20.0	0.79	40.0	1.57	63.0	2.48	40.8	1.61	78.1	3.07	✓	✓	
Z8	165.9	6.53	168.9	6.65	20.0	0.79	50.0	1.97	73.5	2.89	62.5	2.46	97.5	3.84	✓	✓	✓
Z10	205.5	8.09	210.5	8.29	20.0	0.79	50.0	1.97	73.5	2.89	83.5	3.29	117.2	4.61	✓	✓	
Z11	225.4	8.87	231.4	9.11	20.0	0.79	50.0	1.97	73.5	2.89	93.9	3.70	127.1	5.00	✓	✓	

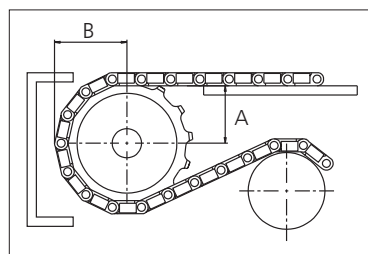
Machined sprocket



Cast iron sprocket



SS304 sprocket

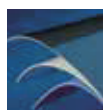


Please ensure that sufficient size shaft and keyway are chosen for corresponding load.

Other sprocket sizes are available upon request
 Width of tooth: 11.0 mm/0.43 in
 Width of sprocket: 42.3 mm/1.66 in
 uni Retainer Rings: See uni Retainer Ring data sheet

Non standard material and color:
 See uni Material and Color Overview.

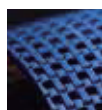
uni 2600 O/160621



Conveyor Belts



Seamless Belts



Modular Belts



Timing Belts



Transmission Belts

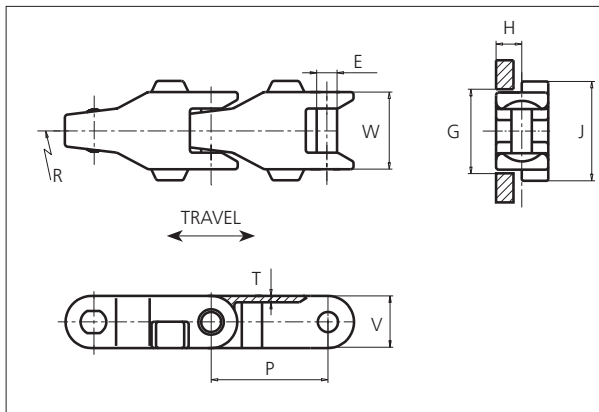


Fabrication & service

Expert advice, quality solutions
 and local service
 for all your belting needs
www.unichains.com

uni Flex Plastic Chain

Series **uni 2600** Type **Tab C**



uni Flex Plastic Chain

Side flexing chain
Pitch: 63.5 mm (2.50 in)
Backflex radius:
75.0 mm (3.00 in)
Permissible tensile strength:
POM material:
6000 N (1349 lbf)

Standard shipping lengths:
boxes of 96 links
= 6.096 m (20.0 ft)

E		G		H		J		P		T		V	
mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in
11.0	0.43	44.5	1.75	14.0	0.55	54.0	2.13	63.5	2.50	3.5	0.14	28.4	1.12

All dimensions are for chains in POM material.

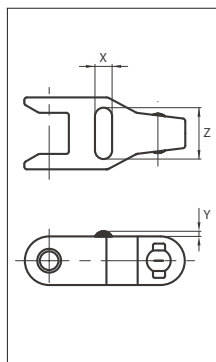
Nominal width (W)		Material & color	Pin material	Weight		Min. radius (R)	
mm	in			kg/m	lb/ft	mm	in
42.0	1.65	POM-D W G B	SS304	1.5	1.00	600	23.62

Non standard material and color: See uni Material and Color Overview.

Non standard pin material: See uni Material and Color Overview.

Accessories

Rubber Top



When ordering, please state the required distance between the Rubber Top.

Other Non Standard rubber profiles:
See uni Rubber Profile Overview.

Link material	Rubber material	Z		X		Y	
		mm	in	mm	in	mm	in
POM-D W	05 I	30.0	1.18	10.0	0.39	3.0	0.12

Sprocket

No of teeth	Pitch diameter		Overall-diameter		Min. ø bore		Max. ø bore		Hub-diameter		Dimension A		Dimension B		Molded PA6	Molded Cast iron	Machined SS304
	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in			
Z6	127.0	5.00	128.0	5.04	20.0	0.79	40.0	1.57	63.0	2.48	40.8	1.61	78.1	3.07	✓	✓	
Z8	165.9	6.53	168.9	6.65	20.0	0.79	50.0	1.97	73.5	2.89	62.5	2.46	97.5	3.84	✓	✓	✓
Z10	205.5	8.09	210.5	8.29	20.0	0.79	50.0	1.97	73.5	2.89	83.5	3.29	117.2	4.61	✓	✓	
Z11	225.4	8.87	231.4	9.11	20.0	0.79	50.0	1.97	73.5	2.89	93.9	3.70	127.1	5.00	✓	✓	

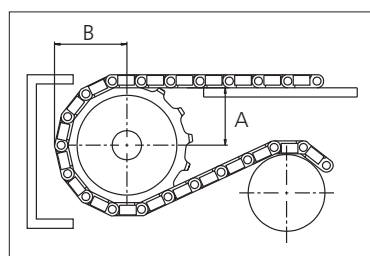
Machined sprocket



Cast iron sprocket



SS304 sprocket



Please ensure that sufficient size shaft and keyway are chosen for corresponding load.

Other sprocket sizes are available upon request

Width of tooth: 11.0 mm/0.43 in

Width of sprocket: 42.3 mm/1.66 in

uni Retainer Rings: See uni Retainer Ring data sheet

Non standard material and color:
See uni Material and Color Overview.

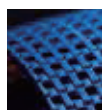
uni 2600 Tab C/170523



Conveyor Belts



Seamless Belts



Modular Belts



Timing Belts



Transmission Belts

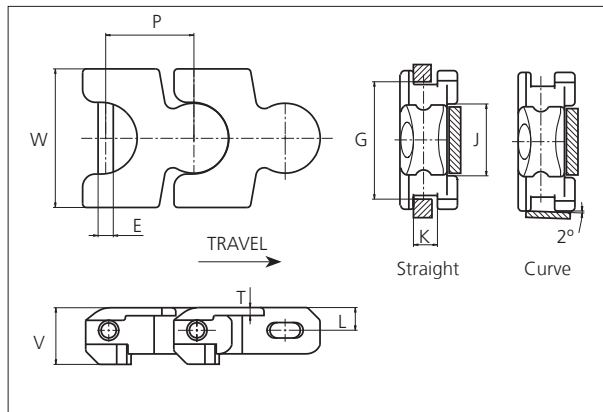


Fabrication & service

Expert advice, quality solutions
and local service
for all your belting needs
www.unichains.com

uni Flex Plastic Chain

Series **uni 2700** Type -



uni Flex Plastic Chain

Side flexing chain
Pitch: 70.0 mm (2.76 in)
Backflex radius:
200 mm (8.00 in)
Permissible tensile strength:
POM material:
11000 N (2473 lbf)

Standard shipping lengths:
boxes of 72 links
= 5.040 m (16.5 ft)

E		G		J		K		L		P		T		V	
mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in
12.0	0.47	92.0	3.64	57.0	2.24	19.0	0.75	18.5	0.71	70.0	2.76	6.3	0.25	45.0	1.77

All dimensions are for chains in POM material.

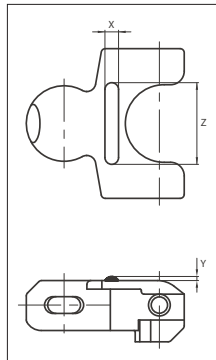
Width (W)		Material & color	Pin material	Weight		Min. radius (R)	
mm	in			kg/m	lb/ft	mm	in
110.0	4.33	POM-D W POM-LF BR	SS304	4.6	3.09	300.0	11.81

Non standard material and color: See uni Material and Color Overview.

Non standard pin material: See uni Material and Color Overview.

Accessories

Rubber Top/NON STANDARD



When ordering, please state the required distance between the Rubber Top.

Other Non Standard rubber profiles:
See uni Rubber Profile Overview

Link material	Rubber material	Z		X		Y	
		mm	in	mm	in	mm	in
POM-D W	05 I	10.0	0.39	60.0	2.36	3.0	0.12

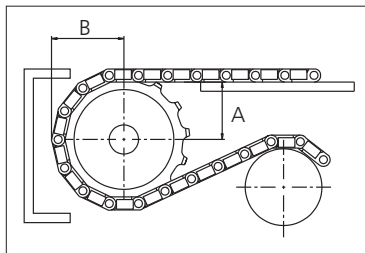
Sprocket

No of teeth	Pitch diameter		Overall diameter		Min. ø bore		Max. ø bore		Hub diameter		Dimension A		Dimension B		 Machined PAG
	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	
Z8	182.8	7.20	184.0	7.2	20.00	0.8	50.00	2.0	73.50	2.9	92.80	3.7	116.70	4.6	✓
Z10	226.4	8.91	227.6	9.0	20.00	0.8	50.00	2.0	73.50	2.9	116.00	4.6	137.60	5.4	✓

Machined sprocket



Non standard material and color:
See uni Material and Color Overview.



Please ensure that sufficient size shaft and keyway are chosen for corresponding load.

Other sprocket sizes are available upon request
Width of tooth: 15.0 mm/0.60 in
Width of sprocket: 42.3 mm/1.70 in
uni Retainer Rings: See uni Retainer Ring data sheet

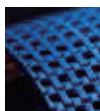
uni 2700/160621



Conveyor Belts



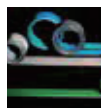
Seamless Belts



Modular Belts



Timing Belts



Transmission Belts

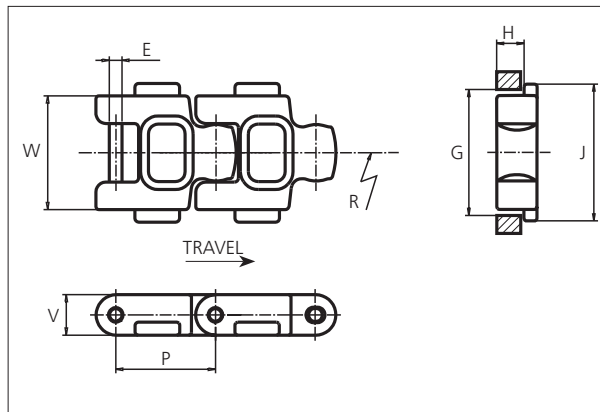


Fabrication & service

Solid advice
For all your belting needs
Local stock & service
www.unichains.com

uni Flex Plastic Chain

Series **uni 3200** Type **Tab**



uni Flex Plastic Chain

Side flexing chain
Pitch: 50.8 mm (2.00 in)
Backflex radius:
60.0 mm (2.40 in)
Permissible tensile strength:
POM material: 2525 N (568 lbf)

Standard shipping lengths:
boxes of 120 links
= 6.096 m (20.0 ft)

E		G		J		H		P		V	
mm	in	mm	in	mm	in	mm	in	mm	in	mm	in
6.4	0.25	59.5	2.34	69.9	2.75	13.8	0.54	50.8	2.00	20.3	0.80

All dimensions are for chains in POM material.

Width (W)		Material & color	Pin material	Weight		Min. radius R	
mm	in			kg/m	lb/ft	mm	in
57.2	2.25	POM-DI G	SS304	1.3	0.87	406.0	16.00

Non standard material and color: See uni Material and Color Overview.

Non standard pin material: See uni Material and Color Overview.

STANDARD

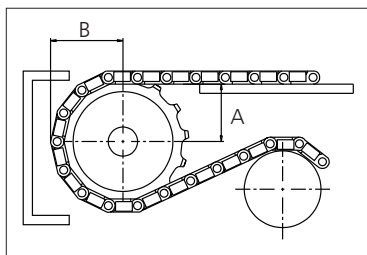
SIDE FLEXING

PITCH 50.8 MM/2.00 IN

Sprocket

No of teeth	Pitch diameter		Overall-diameter		Min. ø bore		Max. ø bore		Hub-diameter		Dimension A		Dimension B		Machined PA6
	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	
Z8	132.9	5.23	134.0	5.30	19.1	0.80	40.0	1.60	65.0	2.60	51.2	2.00	79.6	3.10	✓
Z10	164.5	6.48	160.0	6.30	19.1	0.80	40.0	1.60	65.0	2.60	68.0	2.70	92.4	3.60	✓
Z10	164.5	6.48	160.0	6.30	40.0	1.60	70.0	2.80	120.0	4.70	68.0	2.70	92.4	3.60	✓
Z12	194.4	7.65	204.0	8.00	19.1	0.80	40.0	1.60	65.0	2.60	84.7	3.30	108.4	4.30	✓
Z12	194.4	7.65	204.0	8.00	40.0	1.60	70.0	2.80	120.0	4.70	84.7	3.30	108.4	4.30	✓
Z15	244.4	9.62	250.0	9.80	19.1	0.80	40.0	1.60	65.0	2.60	109.4	4.30	132.4	5.20	✓
Z15	244.4	9.62	250.0	9.80	40.0	1.60	70.0	2.80	120.0	4.70	109.4	4.30	132.4	5.20	✓

Machined sprocket



Please ensure that sufficient size shaft and keyway are chosen for corresponding load.

Non standard material and color:
See uni Material and Color Overview.

Other sprocket sizes are available upon request
Width of tooth: 25.0 mm/1.00 in
Width of sprocket: 42.3 mm/1.70 in
uni Retainer Rings: See uni Retainer Ring data sheet

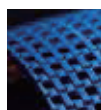
uni 3200 Tab/160621



Conveyor Belts



Seamless Belts



Modular Belts



Timing Belts



Transmission Belts

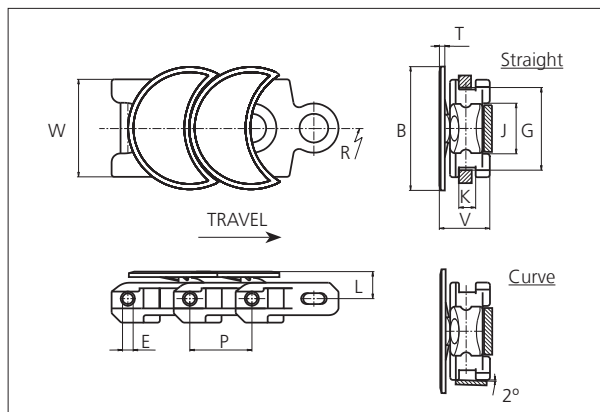


Fabrication & service

Solid advice
For all your belting needs
Local stock & service
www.unichains.com

uni Flex Plastic Chain

Series **uni 2700** Type **H**



uni Flex Plastic Chain

Side flexing chain

Pitch: 70.0 mm (2.76 in)

Permissible tensile strength:

POM material:

11000 N (2473 lbf)

Standard shipping lengths:

boxes of 72 links

= 5.040 m (16.5 ft)

Note that the 2700 H cannot backflex.

B		E		G		J		K		L		P		T		V	
mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in
139.0	5.47	12.0	0.47	92.0	3.62	57.0	2.24	19.0	0.75	29.4	1.16	70.0	2.76	6.1	0.24	56.4	2.22

All dimensions are for chains in POM material.

Width (W)		Recommended base material & color	Recommended plate material & color	Weight		Min. radius (R)	
mm	in			kg/m	lb/ft	mm	in
110.0	4.33	POM-D W POM-D G POM-LF BR	POM-D W POM-D G POM-LF BR	5.6	3.76	600.0	23.62

Non standard base material and color: See uni Material and Color Overview.

Non standard plate material and color: See uni Material and Color Overview.

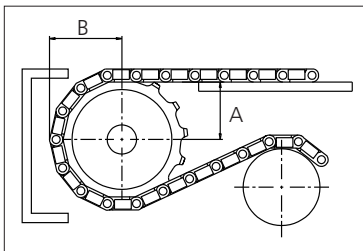
Sprocket

No of teeth	Pitch diameter		Overall-diameter		Min. ø bore		Max. ø bore		Hub-diameter		Dimension A		Dimension B		 Machined PA6
	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	
Z8	182.8	7.20	184.0	7.2	20.00	0.8	50.00	2.0	73.50	2.9	92.80	3.7	116.70	4.6	✓
Z10	226.4	8.91	227.6	9.0	20.00	0.8	50.00	2.0	73.50	2.9	116.00	4.6	137.60	5.4	✓

Machined sprocket



Non standard material and color:
See uni Material and Color Overview.



Please ensure that sufficient size shaft and keyway are chosen for corresponding load.

Other sprocket sizes are available upon request
Width of tooth: 15.0 mm/0.60 in
Width of sprocket: 42.3 mm/1.70 in
uni Retainer Rings: See uni Retainer Ring data sheet

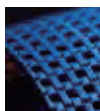
uni 2700 H/160621



Conveyor Belts



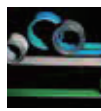
Seamless Belts



Modular Belts



Timing Belts



Transmission Belts

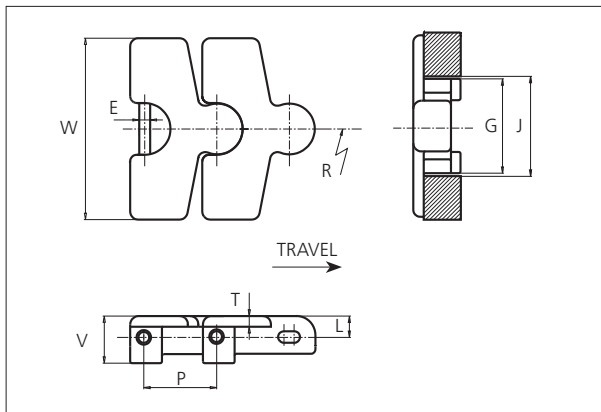


Fabrication & service

Solid advice
For all your belting needs
Local stock & service
www.unichains.com

uni Flex Plastic Chain

Series **uni 3000** Type -



uni Flex Plastic Chain

Side flexing chain
Pitch: 80.1 mm (3.15 in)
Backflex radius:
200.0 mm (8.00 in)
Permissible tensile strength:
POM material
11000 N (2473 lbf)

Standard shipping lengths:
boxes of 38 links
= 3.044 m (10.0 ft)

E		G		J		L		P		T		V	
mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in
12.1	0.48	104.0	4.09	110.0	4.33	28.4	1.12	80.1	3.15	9.0	0.35	52.0	2.05

All dimensions are for chains in POM material.

Width (W)		Recommended Material & color	Recommended Pin material	Weight		Min radius R	
mm	in			kg/m	lb/ft	mm	in
200.0	7.87	POM-D W POM-D G	SS304	5.8	3.90	600.0	23.62

Non standard material and color: See uni Material and Color Overview.

Non standard pin material: See uni Material and Color Overview.

NON STANDARD

SIDE FLEXING

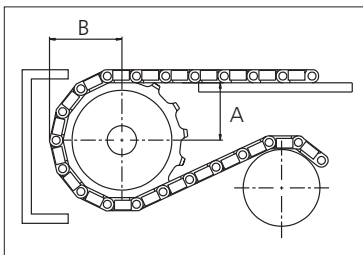
PITCH 80.1 MM/3.15 IN

Sprocket

No of teeth	Pitch diameter		Overall-diameter		Min. ø bore		Max. ø bore		Hub-diameter		Dimension A		Dimension B		 Machined PAG
	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	
Z10	226.4	8.91	227.6	8.96	20.0	0.79	50.0	1.97	73.5	2.89	116.0	4.57	137.6	5.42	

Machined sprocket

Non standard material and color:
See uni Material and Color Overview.



Please ensure that sufficient size shaft and keyway are chosen for corresponding load.

Other sprocket sizes are available upon request
Width of tooth: 15.0 mm/0.60 in
Width of sprocket: 42.3 mm/1.66 in
uni Retainer Rings: See uni Retainer Ring data sheet

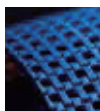
uni 3000/160623



Conveyor Belts



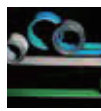
Seamless Belts



Modular Belts



Timing Belts



Transmission Belts

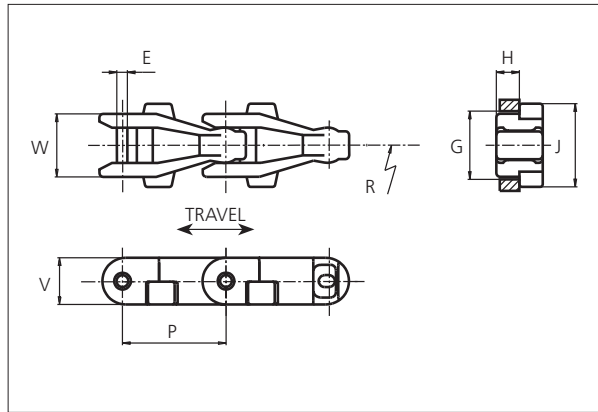


Fabrication & service

Expert advice, quality solutions
and local service
for all your belting needs
www.unichains.com

uni Flex Plastic Chain

Series **uni 2800** Type **Tab**



uni Flex Plastic Chain

Side flexing chain

Pitch: 82.5 mm (3.25 in)

Backflex radius:

75.0 mm (2.90 in)

Permissible tensile strength:

POM material:

6000 N (1349 lbf)

Standard shipping lengths:

boxes of 74 links

= 6.105 m (20.0 ft)

E		G		H		J		P		V	
mm	in	mm	in	mm	in	mm	in	mm	in	mm	in
9.5	0.37	54.0	2.13	18.1	0.71	67.4	2.65	82.5	3.25	37.3	1.47

All dimensions are for chains in POM material.

Width (W)		Material & color	Pin material	Weight		Min. radius (R)	
mm	in			kg/m	lb/ft	mm	in
53.5	2.11	POM-D W	SS304	1.7	1.14	500	19.69

Non standard material and color: See uni Material and Color Overview.

Non standard pin material: See uni Material and Color Overview.

STANDARD

UNI FLEX PLASTIC CHAIN

PITCH 82.5 MM/3.25 IN

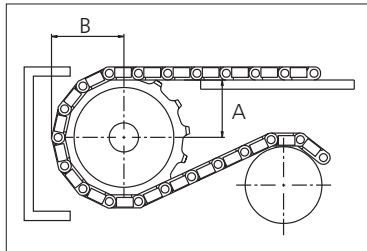
Sprocket

No of teeth	Pitch diameter		Overall-diameter		Min. ø bore		Max. ø bore		Hub-diameter		Dimension A		Dimension B		 Machined PAG
	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	
Z6	165.0	6.50	168.0	6.60	20.0	0.80	40.0	1.60	63.0	2.50	53.0	2.10	101.0	4.00	✓
Z8	215.6	8.49	224.0	8.80	20.0	0.80	50.0	2.00	73.5	2.90	81.1	3.20	126.3	5.00	✓
Z10	267.0	10.51	277.0	10.90	20.0	0.80	50.0	2.00	73.5	2.90	108.5	4.30	152.0	6.00	✓

Machined sprocket



Non standard material and color:
See uni Material and Color Overview.



Please ensure that sufficient size shaft and keyway are chosen for corresponding load.

Other sprocket sizes are available upon request
Width of tooth: 15.0 mm/0.59 in
Width of sprocket: 42.3 mm/1.67 in
uni Retainer Rings: See uni Retainer Ring data sheet

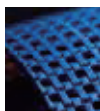
uni 2800 Tab/160624



Conveyor Belts



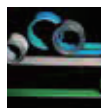
Seamless Belts



Modular Belts



Timing Belts



Transmission Belts

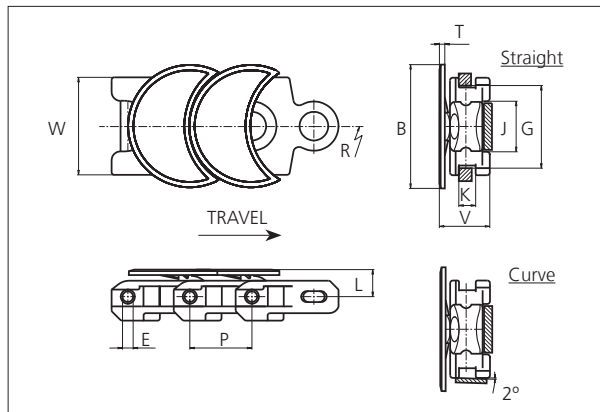


Fabrication & service

Solid advice
For all your belting needs
Local stock & service
www.unichains.com

uni Flex Plastic Chain

Series **uni 2700** Type **H R**



uni Flex Plastic Chain

Side flexing chain
Pitch: 70.0 mm (2.76 in)
Permissible tensile strength:
POM material
11000 N (2473 lbf)

Standard shipping lengths:
boxes of 72 links
= 5.040 m (16.5 ft)

Note that the 2700 H R cannot backflex.

B		E		G		J		K		L		P		T		V	
mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in
139.0	5.47	12.0	0.47	92.0	3.62	57.0	2.24	19.0	0.75	29.4	1.16	70.0	2.76	6.1	0.24	56.4	2.22

All dimensions are for chains in POM material.

Width (W)		Recommended base material & color	Recommended plate material & color	Weight		Min. radius (R)	
mm	in			kg/m	lb/ft	mm	in
110.0	4.33	POM-D W POM-D G POM-LF BR	POM-D W POM-D G POM-LF BR	4.33	5.4	250.0	9.84

Non standard base material and color: See uni Material and Color Overview.

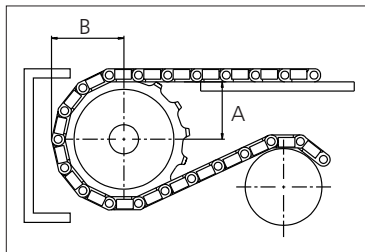
Non standard plate material and color: See uni Material and Color Overview.

Sprocket

No of teeth	Pitch diameter		Overall-diameter		Min. ø bore		Max. ø bore		Hub-diameter		Dimension A		Dimension B		 Machined PA6
	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	
Z8	182.8	7.20	184.0	7.2	20.00	0.8	50.00	2.0	73.50	2.9	92.80	3.7	116.70	4.6	✓
Z10	226.4	8.91	227.6	9.0	20.00	0.8	50.00	2.0	73.50	2.9	116.00	4.6	137.60	5.4	✓

Machined sprocket

Non standard material and color:
See uni Material and Color Overview.



Please ensure that sufficient size shaft and keyway are chosen for corresponding load.

Other sprocket sizes are available upon request
 Width of tooth: 15.0 mm/0.60 in
 Width of sprocket: 42.3 mm/1.70 in
 uni Retainer Rings: See uni Retainer Ring data sheet

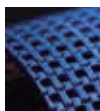
uni 2700 H R/160624



Conveyor Belts



Seamless Belts



Modular Belts



Timing Belts



Transmission Belts

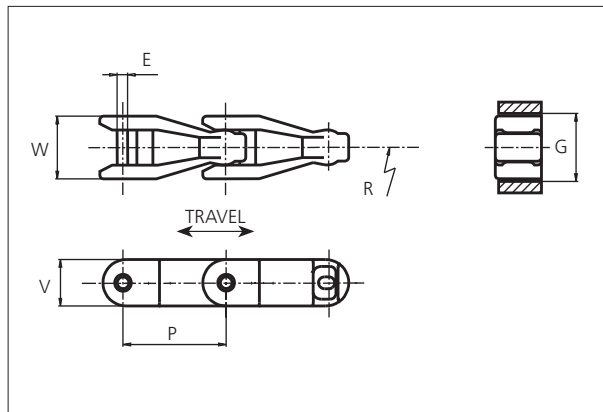


Fabrication & service

Solid advice
 For all your belting needs
 Local stock & service
www.unichains.com

uni Flex Plastic Chain

Series **uni 2800** Type -



uni Flex Plastic Chain

Side flexing chain

Pitch: 82.5 mm (3.25 in)

Backflex radius:

75.0 mm (2.90 in)

Permissible tensile strength:

POM material:

6000 N (1349 lbf)

Standard shipping lengths:

boxes of 74 links

= 6.105 m (20.0 ft)

E		G		P		V	
mm	in	mm	in	mm	in	mm	in
9.5	0.37	54.0	2.13	82.5	3.25	37.3	1.47

All dimensions are for chains in POM material.

Width (W)		Material & color	Pin material	Weight		Min. radius (R)	
mm	in			kg/m	lb/ft	mm	in
53.5	2.11	POM-D W	SS304	1.6	1.09	500	19.69

Non standard material and color: See uni Material and Color Overview.

Non standard pin material: See uni Material and Color Overview.

STANDARD

SIDE FLEXING

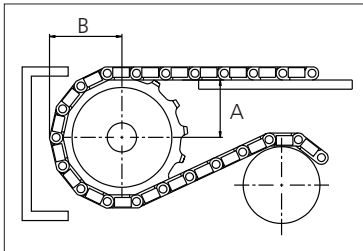
PITCH 82.5 MM/3.25 IN

Sprocket

No of teeth	Pitch diameter		Overall-diameter		Min. ø bore		Max. ø bore		Hub-diameter		Dimension A		Dimension B		 Machined PA6
	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	
Z6	165.0	6.50	168.0	6.60	20.0	0.80	40.0	1.60	63.0	2.50	53.0	2.10	101.0	4.00	✓
Z8	215.6	8.49	224.0	8.80	20.0	0.80	50.0	2.00	73.5	2.90	81.1	3.20	126.3	5.00	✓
Z10	267.0	10.51	277.0	10.90	20.0	0.80	50.0	2.00	73.5	2.90	108.5	4.30	152.0	6.00	✓

Machined sprocket

Non standard material and color:
See uni Material and Color Overview.



Please ensure that sufficient size shaft and keyway are chosen for corresponding load.

Other sprocket sizes are available upon request
 Width of tooth: 15.0 mm/0.59 in
 Width of sprocket: 42.3 mm/1.67 in
 uni Retainer Rings: See uni Retainer Ring data sheet

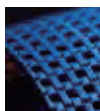
uni 2800/160624



Conveyor Belts



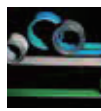
Seamless Belts



Modular Belts



Timing Belts



Transmission Belts

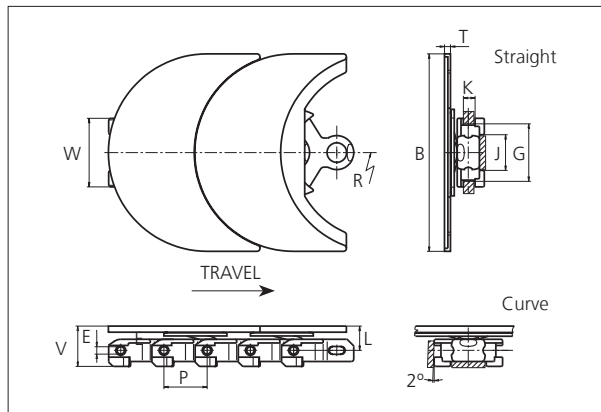


Fabrication & service

Solid advice
 For all your belting needs
 Local stock & service
www.unichains.com

uni Flex Plastic Chain

Series **uni 2700** Type **LH**



uni Flex Chains

Side flexing chain
Pitch: 70.0 mm (2.76 in)
Permissible tensile strength:
POM material
11000 N (2473 lbf)

Standard shipping lengths:
boxes of 36 links
= 2.520 (8.25 ft)

Note that the 2700 LH cannot backflex.

B		E		G		J		K		L		P		T		V	
mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in
320.0	12.60	12.0	0.47	92.0	3.62	57.0	2.24	19.0	0.75	38.9	1.53	70.0	2.76	9.5	0.37	65.9	2.59

All dimensions are for chains in POM material.

Width (W)		Recommended base material & color	Recommended plate material & color	Weight		Min. radius (R)	
mm	in			kg/m	lb/ft	mm	in
110.0	4.33	POM-LF BR	PA6 K	8.7	5.85	600.0	23.62

Non standard material and color: See uni Material and Color Overview.

Non standard pin material: See uni Material and Color Overview.

NON STANDARD

SIDE FLEXING

PITCH 70.0 MM/2.76 IN

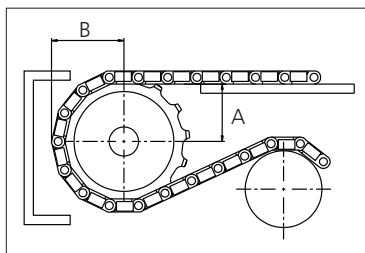
Sprocket

No of teeth	Pitch diameter		Overall diameter		Min. ø bore		Max. ø bore		Hub diameter		Dimension A		Dimension B		 Machined PAG
	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	
Z8	182.8	7.20	184.0	7.2	20.00	0.8	50.00	2.0	73.50	2.9	92.80	3.7	116.70	4.6	✓
Z10	226.4	8.91	227.6	9.0	20.00	0.8	50.00	2.0	73.50	2.9	116.00	4.6	137.60	5.4	✓

Machined sprocket



Non standard material and color:
See uni Material and Color Overview.



Please ensure that sufficient size shaft and keyway are chosen for corresponding load.

Other sprocket sizes are available upon request
Width of tooth: 15.0 mm/0.60 in
Width of sprocket: 42.3 mm/1.70 in
uni Retainer Rings: See uni Retainer Ring data sheet

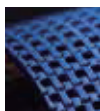
uni 2700 LH/160623



Conveyor Belts



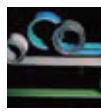
Seamless Belts



Modular Belts



Timing Belts



Transmission Belts

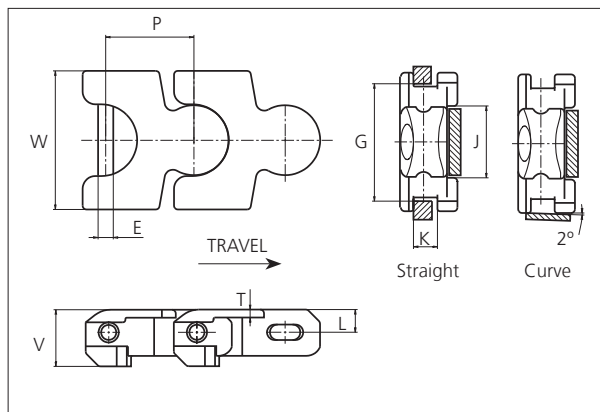


Fabrication & service

Solid advice
For all your belting needs
Local stock & service
www.unichains.com

uni Flex Plastic Chain

Series **uni 2700** Type **R**



uni Flex Plastic Chain

Side flexing chain
Pitch: 70.0 mm (2.76 in)
Backflex radius:
200 mm (8.00 in)
Permissible tensile strength:
POM material
11000 N (2473 lbf)

Standard shipping lengths:
boxes of 72 links
= 5.040 m (16.5 ft)

E		G		J		K		L		P		T		V	
mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in
12.0	0.47	92.0	3.64	57.0	2.24	19.0	0.75	18.5	0.71	70.0	2.76	6.3	0.25	45.0	1.77

All dimensions are for chains in POM material.

Width (W)		Recommended base material & color	Recommended pin material & color	Weight		Min. radius (R)	
mm	in			kg/m	lb/ft	mm	in
110.0	4.33	POM-D W POM-D G POM-LF BR	SS304	4.4	2.96	250.0	9.84

Non standard material and color: See uni Material and Color Overview.

Non standard pin material: See uni Material and Color Overview.

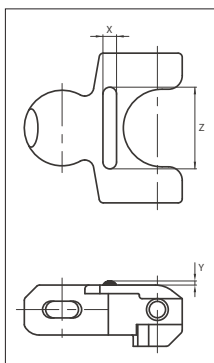
Accessories

Rubber Top



When ordering, please state the required distance between the Rubber Top.

Other Non Standard rubber profiles:
See uni Rubber Profile Overview



Link material	Rubber material	Z		X		Y	
		mm	in	mm	in	mm	in
POM-D W	05 I	10.0	0.39	30.0	1.18	3.0	0.12

NON STANDARD

SIDE FLEXING

PITCH 70.0 MM/2.76 IN

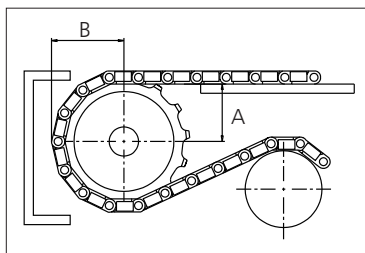
Sprocket

No of teeth	Pitch diameter		Overall diameter		Min. ø bore		Max. ø bore		Hub diameter		Dimension A		Dimension B		 Machined PA6
	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	
Z8	182.8	7.20	184.0	7.2	20.00	0.8	50.00	2.0	73.50	2.9	92.80	3.7	116.70	4.6	✓
Z10	226.4	8.91	227.6	9.0	20.00	0.8	50.00	2.0	73.50	2.9	116.00	4.6	137.60	5.4	✓

Machined sprocket



Non standard material and color:
See uni Material and Color Overview.



Please ensure that sufficient size shaft and keyway are chosen for corresponding load.

Other sprocket sizes are available upon request
Width of tooth: 15.0 mm/0.60 in
Width of sprocket: 42.3 mm/1.70 in
uni Retainer Rings: See uni Retainer Ring data sheet

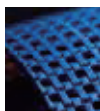
uni 2700 R/160623



Conveyor Belts



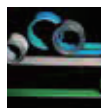
Seamless Belts



Modular Belts



Timing Belts



Transmission Belts

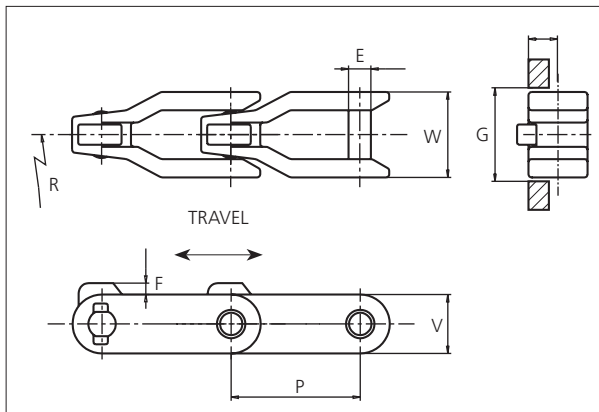


Fabrication & service

Solid advice
For all your belting needs
Local stock & service
www.unichains.com

uni Flex Plastic Chain

Series **uni 2600** Type **O M**



uni Flex Chains

Side flexing chain
Pitch: 63.5 mm (2.50 in)
Backflex radius:
75.0 mm (3.00 in)
Permissible tensile strength:
POM material:
6000 N (1349 lbf)

Standard shipping lengths:
boxes of 96 links
= 6.096 m (20.0 ft)

E		F		G		P		V		W	
mm	in	mm	in	mm	in	mm	in	mm	in	mm	in
11.0	0.43	5.6	0.22	44.5	1.75	63.5	2.50	28.4	1.12	42.0	1.65

All dimensions are for chains in POM material.

Nominal width (W)		Material & color	Pin material	Weight		Min. radius (R)	
mm	in			kg/m	lb/ft	mm	in
42.0	1.65	POM-D W G B	SS304	1.3	0.87	600	23.62

Non standard material and color: See uni Material and Color Overview.

Non standard pin material: See uni Material and Color Overview.

NON STANDARD

SIDE FLEXING

PITCH 63.5 MM/2.50 IN

Sprocket

No of teeth	Pitch diameter		Overall-diameter		Min. ø bore		Max. ø bore		Hub-diameter		Dimension A		Dimension B		Molded PA6	Molded Cast iron	Machined SS304
	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in			
Z6	127.0	5.00	128.0	5.04	20.0	0.79	40.0	1.57	63.0	2.48	40.8	1.61	78.1	3.07	✓	✓	
Z8	165.9	6.53	168.9	6.65	20.0	0.79	50.0	1.97	73.5	2.89	62.5	2.46	97.5	3.84	✓	✓	✓
Z10	205.5	8.09	210.5	8.29	20.0	0.79	50.0	1.97	73.5	2.89	83.5	3.29	117.2	4.61	✓	✓	
Z11	225.4	8.87	231.4	9.11	20.0	0.79	50.0	1.97	73.5	2.89	93.9	3.70	127.1	5.00	✓	✓	

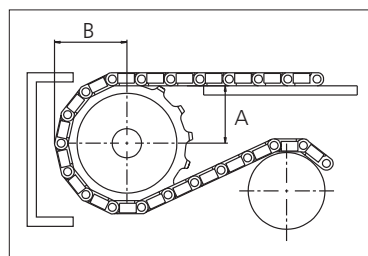
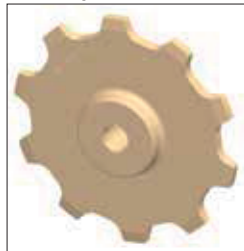
Machined sprocket



Cast iron sprocket



SS304 sprocket



Please ensure that sufficient size shaft and keyway are chosen for corresponding load.

Other sprocket sizes are available upon request.

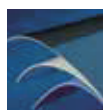
Width of tooth: 11.0 mm/0.43 in

Width of sprocket: 42.3 mm/1.66 in

uni Retainer Rings: See uni Retainer Ring data sheet.

Non standard material and color:
See uni Material and Color Overview.

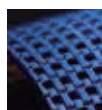
uni 2600 O/160624



Conveyor Belts



Seamless Belts



Modular Belts



Timing Belts



Transmission Belts



Fabrication & service

Expert advice, quality solutions
and local service
for all your belting needs
www.unichains.com



uni Material and Color Overview

Colors and Materials

 Light Blue	 Yellow	 Grey
 Blue	 Orange	 Dark Grey
 Dark Blue	 Brown	 Extra Grey
 Purple	 Tan	 Black
 Red	 Ivory	 Natural
 Dark Red	 White	
 Dark Green	 Light Grey	

Material	Density g/cm ³	Color	Description
POM	1.41		POM is a thermoplastic material with very good mechanical and thermal properties. The material can also be characterized by great strength, stiffness and dimensional stability. POM is resistant to a wide selection of chemicals. POM has good bearing qualities, low coefficient of friction and good resistance to wear.
POM-D	1.41	             	POM polymers with self-lubricating components.
POM-DI	1.41	             	POM polymers with self-lubricating components and improved impact resistance.
POM-DK	1.41	   	POM-DK is a reinforced POM polymer designed for applications where high wear resistance is needed and/or high conveyor speeds are required. The material is typically used for wear parts on sideflexing belts or in applications where very high wear resistance is required.
POM-LF	1.41	             	POM polymers with improved self-lubricating components.
POM-SLF	1.41	             	POM polymers with self-lubricating additives to obtain the lowest possible coefficient of friction.
POM-NL	1.41	             	POM polymers with no lubricant suitable for applications where one wants to ensure that lubricity is not interfering with either the product adhesion bonding or altering the chemical nature of the product.

Material	Density g/cm ³	Color	Description
POM-DAS	1.40		Antistatic POM with self-lubricating components is used in applications where you want to avoid build-up of the surface static electricity. POM-DAS is normally used for manrider belts avoid to discomfort due to static electricity; it can also be used in applications where sticking of products must be avoid. Eg. products wrapped in plastic foil.
POM-NLAS	1.41		A non-lubricated antistatic POM, used in applications where static electricity must be avoid, due to human comfort, but where lubricants must be avoid, due to specific processes.
POM-S	1.39		POM polymers that contain low noise components, mainly used for the new uni Snap Link® without pins.
POM-SI	1.40		High impact-resistant POM polymers that contain low noise components, mainly used for the new uni Snap Link® without pins.
POM-SX	1.44		POM polymers with self-lubricating components. POM-SX will be the right solution where lower friction, higher load and lower noise (compared to standard POM) are required. POM-SX will mainly be used for high load capacity uni Snap Link® without pins. <i>Please note that POM-SX blue is not according to the standard color quality for blue. Small variations may occur.</i>
POM-EC	1.39		Electrically conductive POM is normally used in explosive areas where sparks and static must be avoided, such as areas with filling aerosol, camping gas, or the like. uni-chains standard EC holds a surface resistivity $\leq 1 \times 10^6$ Ohm according to IEC 60093/ASTM D257.
POM-MD	1.47		POM-MD is a metal detectable polyoxymethylene, which mainly are used for belts to increase food safety. Possible belt breakages might lead to product contamination, which can be detected by use of this material.
POM-XRD	1.75		POM-XRD is an X-ray detectable polyoxymethylene, which mainly are used in belts to increase food safety. Possible belt breakages might lead to product contamination, which can be detected by use of this material. POM-XRD is especially suitable for products were the food packaging is metalliferous, like tinfoil and metal lids.

Material	Density g/cm ³	Color	Description
PP	0.91		Polypropylene is a thermoplastic material with very good chemical resistance properties. PP is an economical material for applications with high temperatures.
PP-I	0.91		Polypropylene with improved impact resistance and improved properties at low temperatures. Use of PP-I in hot water should be avoided.
PP-MI	0.97		PP-MI is a metal detectable polypropylene, which mainly are used for belts to increase food safety. Possible belt breakages might lead to product contamination, which then can be detected by use of this material.
PP-HW	0.90		PP-HW is a polypropylene which contains additives that reduce decomposition of olefinic material over time due to oxidization caused by metal ions in hot water applications like blanchers and cookers.
PP-AR	1.14		A glass filled homopolymer that is an acid resistant material which is used where very high chemical resistance is required.
PP-FREC	1.22		PP-FREC is a polypropylene based compound with both flame retardant and electrically conductive properties. The material holds a surface resistivity of 1×10^3 Ohm according to IEC60093/ASTM D257 and it is V0 rated according to UL94 at 3.2 mm.

Material	Density g/cm ³	Color	Description
PE	0.96		Polyethylene is used in low temperature applications and where high impact resistance is required.
PE-I	0.95		Polyethylene with improved impact resistance.
PE-MI	1.02		PE-MI is a metal detectable polyethylene, which mainly are used in belts to increase food safety. Possible belt breakages might lead to product contamination, which can be detected by use of this material.

Material	Density g/cm ³	Color	Description
PBT	1.31		PBT is a polybutylene terephthalate material. This material has good friction and wear properties as well as excellent hardness and stiffness.
PBT-GR	1.45		Glass reinforced polyester is a material with an extremely high resistance to wear and heat.

Material	Density g/cm ³	Color	Description
PA6-FR	1.16		Flame retardant polyamide is a fire restricting material used in surroundings where there is a danger of the chain being ignited. The PA6-FR material is rated as V-0 which is the best classification according to UL 94 standard to avoid burning.
PA6	1.13		Polyamide PA6 is a thermoplastic material. The combination of mechanical properties and chemical resistance makes this material suitable for many applications. Polyamide has a high resistance to wear and dynamic loads. This material is primarily used for sprockets.
PA6-GF	1.28		This polyamide is reinforced with glass fiber. PA6-GF will be the right solution where higher stiffness and higher strength are required, compared to standard polyamide. The combination of mechanical properties and chemical resistance makes this material suitable for many applications. Polyamide has a high resistance to wear and dynamic loads. Polyamide also has a larger working temperature range.
PA6.6	1.13		Polyamide PA6.6 is a thermoplastic material with many fine properties. The material has a high resistance to wear, high strength and great stiffness. Furthermore, polyamide has a wide temperature range.
PA6.6-H	1.14		PA6.6-H is a polyamide with the same properties as PA6.6. PA6.6-H improves upon PA6.6 in applications where higher temperature resistance is needed (e.g. shrink tunnels).
PA6.6-GFH	1.35		PA6.6-GFH is a special heat-stabilized polyamid PA6.6 with glass fiber reinforcement. The base material is still the PA6.6 with its important properties, as high strength and great stiffness. The base material has a high resistance to wear, and the glass fiber contributes to increase these properties. The unique PA6.6-GFH is heat resistant, and thus especially suitable for applications that are exposed to strong heat for extended time periods. <i>Note: PA materials will absorb water in wet environments which will cause expansion of the dimension with approx. 1-2%, depending on the temperature level and the humidity of the air. This is valid for all polyamide variations.</i>

Material	Density g/cm ³	Color	Description
PVDF	1.78		Polyvinylidenfluoride is characterized by an especially high chemical resistance. Furthermore, PVDF has high wear resistance and good friction properties.

Material	Density g/cm ³	Color	Description
PC	1.20		Polycarbonate is characterized by being extremely impact resistant, even at low temperatures. The natural colour of PC is grey.

Material	Density g/cm ³	Color	Description
POX-FREC	1.34		POX-FREC is a relatively strong material with both flame retardant and electrically conductive properties. The material holds a surface resistivity of 1×10^3 Ohm according to IEC60093/ASTM D257 and it is V0 rated according to UL94 at 3 mm. Several products made of POX-FREC are B1 fire rated according to DIN 4102.
POX-FR	1.15		POX-FR is flame retardant material with high strength and very good wear resistance. The POX-FR material is B1 fire rated according to DIN 4102, for some products.

Material	Density g/cm ³	Color	Description
NBWR	1.22		NBWR is material with extremely high impact strength and very good wear resistance. The material is resistant towards UV light and ozone cracking, which makes it suitable for outdoor applications. NBWR is a very good noise-absorbing material as well.

UV-additives	Description		
UV-A/B	The UV-A/B stabilizer is an additive recommended for plastic materials used for outdoor applications. The UV-A/B stabilizer is able to protect materials against direct sunlight, is FDA approved and will increase the lifetime of plastic materials. The UV-A/B stabilizer is available for the most common materials such as POM, PP and PE.		
UV-C	This UV-C stabilizer is specially developed for applications that are exposed to UV-C light. The special UV-C lights are used in the meat industry, where UV-C light is served to kill bacteria and microbes. The UV-C stabilizer holds an FDA approval and will increase the lifetime of the plastic material. This solution is only available in combination with POM material.		

Expansion due to water absorption

All plastic materials absorb water from the surroundings, but very often it is not a major factor, except when dealing with Nylon (PA) material. With Nylon there can be a considerable change in dimension depending on the environment where the part is placed. The absorption of water causes the plastic part to swell and thus leads to a volume increase. The chart below shows the dimensional expansion of different materials due to moisture absorption (ISO 62 / ASTM D570 is based on changes in mass).

Code	Water Absorption ISO 62 / ASTM D570		Linear Dimensional Expansion Water Absorption	
	Equilibrium 23°C / 50% RH (%)	Saturation 23°C (%)	Equilibrium 23°C / 50% RH (%)	Saturation 23°C (%)
PP	0.02	0.03	0.01	0.01
PE	0.02	0.03	0.01	0.01
POM	0.22	0.8	0.1	0.37
PA6	2.8	8 – 10	1.05	3 – 3.8
PA6.6	2.5	7 – 8.5	0.95	2.7 – 3.2
PA6.6-GFH	2.0	6.0	0.8	2.36
PBT	0.2	0.5	0.09	0.22
PBT-GR	0.15	0.4	0.07	0.19
NBWR	0.2	0.6	0.08	0.24

Please note that the expansion shown above does not necessarily translate into belt/chain dimensions as there are many other factors involved.

Expansion due to temperature

Coefficient of linear thermal expansion between 23 and 55 °C		
Material	$\frac{\text{mm}}{(\text{m} \times ^\circ\text{C})}$	$\frac{\text{in}}{(\text{ft} \times ^\circ\text{F})}$
POM	0.12	0.0008
PP	0.13	0.0009
PE	0.18	0.0012
PA6/PA6.6	0.11	0.0007
PBT	0.11	0.0007

$$\Delta L = L \times e_c \times (T_2 - T_1)$$

ΔL : Length/width expansion, mm (in)

L: Length/width of belt at temperature T1, m (ft)

T2: Working temperature, °C (°F)

T1: Start temperature, 23°C (73.4°F)

e_c : Coefficient of linear thermal expansion. See table above.

Friction

Values provided in the tables below are dynamic coefficient of friction under clean conditions. Values will normally be 0.1 to 0.2 higher at the starting moment.

Material	PE Dry	PE Wet	Lubricated PE Dry	Lubricated PA Dry	Stainless steel Dry	Stainless steel Wet
POM-NL	0.20	0.15	0.12	0.22	0.25	0.21
POM-D	0.19	0.14	0.12	0.21	0.24	0.20
POM-LF	0.18	0.13	0.12	0.20	0.23	0.19
POM-SLF	0.17	0.12	0.12	0.19	0.22	0.18
POM-SX	0.15	0.10	0.11	0.17	0.20	0.16
PP	0.25	0.20	0.15	0.28	0.30	0.27
PP-AR	0.26	0.22	0.18	0.28	0.32	0.27
PE	0.25	0.20	0.15	0.22	0.25	0.20
PA6/6.6	0.20	n/a	0.15	0.22	0.30	n/a
PA6.6-GFH	0.26	n/a	0.18	0.24	0.30	n/a

Compounds and Polymer Materials

Polymers and compounds	Temperature range in atmospheric air		Load index ¹⁾	Food Grade ⁵⁾
	°C	°F		
POM – Polyoxymethylene (D, DI, LF, LFI, SLF, SLFI, S, SI, SX and NL)	-40 to 90	-40 to 194	100	✓
POM DK – Wear-resistant polyoxymethylen	-40 to 90	-40 to 194	100	-
POM DAS and NLAS – Antistatic polyoxymethylene	-40 to 90	-40 to 194	100	-
POM EC – Electrically conductive polyoxymethylene	-40 to 90	-40 to 194	60	-
POM MD – Metal detectable polyoxymethylene	-40 to 90	-40 to 194	100	✓
POM XRD – X-ray detectable polyoxymethylene	-40 to 90	-40 to 194	100	✓
PP – Polypropylene ^{2) 3)}	1 to 104	34 to 219	50	✓
PPI – Impact-resistant polypropylene	-10 to 80	14 to 176	40	✓
PPMI – Metal-detectable polypropylene	-10 to 80	14 to 176	35	✓
PPHW – Hot water polypropylene	1 to 104	34 to 219	50	✓
PP AR – Acid resistance and glass-filled polypropylene	1 to 104	34 to 219	50	-
PP-FREC – Flame retardant and electrical conductive polypropylene	1 to 104	34 to 176	30	-
PE – Polyethylene	-50 to 80	-58 to 176	40	✓
PE I – High impact resistant polyethylene	-50 to 80	-58 to 176	30	✓
PEMI – Metal-detectable polyethylene	-50 to 80	-58 to 176	30	✓
PBT – Polyester ⁴⁾	-40 to 100	-40 to 212	-	✓
PBT GR – Glass-reinforced polyester ⁴⁾	-40 to 125	-40 to 257	70	-
PA6 – Polyamide	-40 to 120	-40 to 248	100	✓
PA6 GF – Glass-filled polyamide	-40 to 120	-40 to 248	100	-
PA6.6 – Polyamide	-40 to 140	-40 to 284	100	✓
PA6.6 H – Heat-stabilized polyamide	-40 to 160	-40 to 320	100	-
PA6.6 GFH – Glass-filled and heat-stabilized polyamide	-40 to 180	-40 to 356	100	✓
PA FR – Flame-retardant polyamide	-40 to 120	-40 to 248	90	-
PVDF – Polyvinylidenfluoride	-40 to 100	-40 to 212	100	✓
PC – Polycarbonate	-20 to 130	-4 to 266	50	-
POX-FREC – Flame retardant and electrically conductive material	-30 to 110	-40 to 230	65	-
POX-FR – Flame retardant material	-40 to 125	-40 to 257	100	✓
NBWR – High impact and wear-resistance material	-30 to 80	-22 to 176	30	✓

¹⁾ The load indexation values are only indicative, the geometry of the items will also have an effect. Load index is for 23°C 50%RH.

²⁾ Avoid impact below 8°C (46.4°F)

³⁾ Dry. In wet hot applications use PPHW

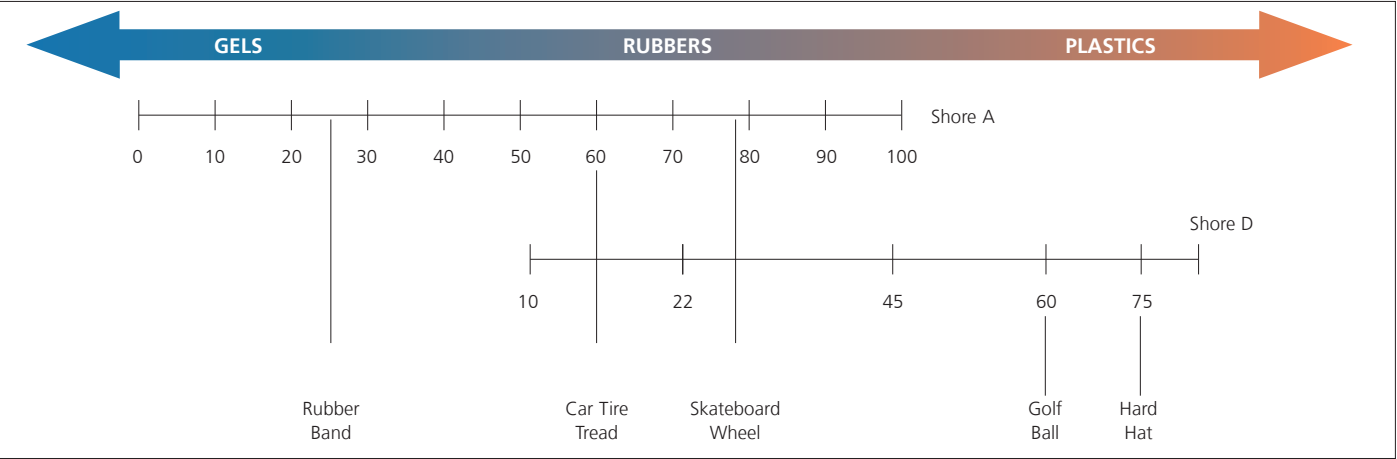
⁴⁾ Max. temperature in water 60°C (140°F)

⁵⁾ Not all colors are tested according to EC1935

Elastomer Materials

Code	Type	Color	Density g/cm ³	Hardness		Temperature Range		FDA	Attachment to Base Link
				Shore A	Shore D	°C	°F		
00K	TPE-O	Black	0.97	55	-	-40 to 100	-40 to 212	-	Mechanical
01N	TPE-V	Natural	0.93	64	-	-40 to 125	-40 to 257	✓	Mechanical
01K	TPE-V	Black	0.93	64	-	-40 to 125	-40 to 257	✓	Mechanical
03N	TPE-S	Natural	1.19	60	-	-40 to 80	-40 to 176	✓	Co-molding
03K	TPE-S	Black	1.19	60	-	-40 to 80	-40 to 176	✓	Co-molding
03W	TPE-S	Black	1.19	60	-	-40 to 80	-40 to 176	✓	Co-molding
03B	TPE-S	Blue	1.19	60	-	-40 to 80	-40 to 176	✓	Co-molding
04N	TPE-A	Natural	1.00	-	25	-40 to 80	-40 to 176	-	Mechanical
04K	TPE-A	Black	1.00	-	25	-40 to 80	-40 to 176	-	Mechanical
04W	TPE-A	White	1.00	-	25	-40 to 80	-40 to 176	-	Mechanical
05I	TPE-U	Ivory	1.19	85	-	-40 to 80	-40 to 176	✓	Mechanical
05K	TPE-U	Black	1.19	85	-	-40 to 80	-40 to 176	✓	Mechanical
06N	TPE-O	Natural	0.94	-	40	-40 to 70	-40 to 158	-	Mechanical
06K	TPE-O	Black	0.94	-	40	-40 to 70	-40 to 158	-	Mechanical
09N	TPE-V	Black	0.97	55	-	-40 to 125	-40 to 257	-	Mechanical
09K	TPE-V	Black	0.97	55	-	-40 to 125	-40 to 257	-	Mechanical
10W	TPE-U	White	1.22	-	60	-30 to 80	-22 to 176	✓	Mechanical
10K	TPE-U	Black	1.22	-	60	-30 to 80	-22 to 176	✓	Mechanical
10B	TPE-U	Blue	1.22	-	60	-30 to 80	-22 to 176	✓	Mechanical
11N	TPE-S	Natural	1.10	30	-	-40 to 80	-40 to 176	✓	Co-molding
11K	TPE-S	Black	1.10	30	-	-40 to 80	-40 to 176	✓	Co-molding
11B	TPE-S	Blue	1.10	30	-	-40 to 80	-40 to 176	✓	Co-molding
12K	TPE-S FR ¹⁾	Black	1.12	60	-	-40 to 104	-40 to 219	-	Co-molding
13N	TPE-U	Transparent	1.07	75	-	-30 to 70	-22 to 158	✓	Mechanical
13B	TPE-U	Blue	1.07	75	-	-30 to 70	-22 to 158	✓	Mechanical
21N	TPE-S	Natural	1.13	86	-	-40 to 104	-40 to 219	✓	Co-molding
21K	TPE-S	Black	1.13	86	-	-40 to 104	-40 to 219	✓	Co-molding
21G	TPE-S	Black	1.13	86	-	-40 to 104	-40 to 219	✓	Co-molding

¹⁾ FR = Flame Retardant



Steels and cast Iron

Werkstoff no.	AISI or DIN	Steel type	Magnetic	Recommended Temperature Range		FDA / EC1935	Stainless sustainability
				°C	°F		
1.4305	303	Stainless Austenitic	N*	-70 to 420	-95 to 790	Y	++
1.4301	304	Stainless Austenitic	N*	-70 to 420	-95 to 790	Y	++
1.4404	316	Stainless Austenitic	N*	-70 to 420	-95 to 790	Y	+++
1.4021	420	Stainless Martensitic	Y	-70 to 420	-95 to 790	Y	+
1.4016	430	Stainless Ferritic	Y	-70 to 420	-95 to 790	N	++
1.0503	1045	Hardened Carbon Steel	Y	-70 to 500	-95 to 930	N	-
1.0122	St37-2	Carbon Steel	Y	-70 to 500	-95 to 930	N	-
1.0570	St52-3	Carbon Steel	Y	-70 to 500	-95 to 930	N	-
0.6025	GG-25	Cast Iron	Y	-20 to 250	-4 to 480	N	-

* Machined items can be weak magnetic (AISI 316 will remain almost nonmagnetic in many cases).

Composition (Weight %)

Werkstoff no.	AISI or DIN	Steel type	Max/min	C Carbon	Cr Chromium	Ni Nickel	Mo Molybdenum	Mn Manganese	P Phosphor	S Sulphur	N Nitrogen	Si Silicone	Cu Copper
1.4305	303	Stainless Austenitic	min	-	17	8	-	-	-	0.15	-	-	-
			max	0.1	19	10	-	2	0.045	0.35	0.1	1	1
1.4301	304	Stainless Austenitic	min	-	17	8	-	-	-	-	-	-	-
			max	0.07	19.5	10.5	-	2	0.045	0.015	0.1	1	-
1.4404	316	Stainless Austenitic	min	-	16.5	10	2	-	-	-	-	-	-
			max	0.07	18.5	13	2.5	2	0.045	0.015	0.1	1	-
1.4021	420	Stainless Martensitic	min	0.16	12	-	-	-	-	-	-	-	-
			max	0.25	14	-	-	1.5	0.04	0.015	-	1	-
1.4016	430	Stainless Ferritic	min	-	16	-	-	-	-	-	-	-	-
			max	0.08	18	-	-	1	0.04	0.015	-	1	-
1.0503	1045	Hardened Carbon Steel	min	0.42	-	-	-	0.5	-	-	-	-	-
			max	0.5	0.4	0.4	0.1	0.8	0.045	0.045	-	0.045	-
1.0122	St37-2	Carbon Steel	min	-	-	-	-	-	-	-	-	-	-
			max	0.17	-	-	-	1.4	0.045	0.045	0.009	-	-
1.0570	St52-3	Carbon Steel	min	-	-	-	-	-	-	-	-	-	-
			max	0.2	-	0.3	0.08	1.6	0.035	0.035	-	0.5	-
0.6025	GG-25	Cast Iron	min	3.0	-	-	-	0.5	0.5	-	-	1.5	-
			max	3.5	-	-	-	1	0.7	0.15	-	2.5	-

C: Carbon is a harmful component in all non-martensitic stainless steels, it should be kept as low as possible. For martensitic steels that are hardened, high carbon content will give a high surface hardness.

Cr: Chromium will together with the surrounding oxygen, create the invisible passive layer, which is the hallmark for stainless steels. It also adds to the yield strength and heat resistance, so in general will high chromium content give a better corrosion and heat resistance, plus higher yield strength.

Ni: Nickel toughens the steel and increases the resistance against stress corrosion cracking.

Mo: Molybdenum increases the corrosive resistance, especially in environments with low pH values. Furthermore it is a contributor to the passive layer, even better than chromium.

Mn: Manganese is in most cases a pollutant, but for some steels it is used as a cheap replacement for nickel.

P: Phosphor is an unwanted contaminant with negative effects regarding corrosion resistance, hence it should be kept as low as possible.

S: Sulphur is definitely unwanted with respects to the corrosion resistance; it can bond with manganese and form manganese sulfide (MnS), which is very corrosive. But MnS will make the steel short-chipped and give it better machine processing properties. E.g. is AISI 303 much easier to machine than AISI 304, but it is not near as corrosion resistant.

N: Nitrogen is a highly valuable element regarding corrosion resistance; even in very low quantities it has significant positive effects. The adding of nitrogen in the steel manufacturing is a very difficult process.

Si: Silicone is like manganese a pollutant in most cases; it does not have any greater effect on the corrosive characteristics.

Cu: Copper is an element, which will increase the corrosion resistance in anaerobic and acidic environments.

Pitting corrosion is the most common type of corrosion in application where Ammeraal Beltech Modular's products will be present. Based on an empirical equation can the corrosion resistance be determined by the PREN (Pitting Resistance Equivalent Number) – The higher PREN, the better corrosion resistance.

$$\text{PREN} = 1 \times \% \text{Cr} + 3.3 \times \% \text{Mo} + 16 \times \% \text{N}$$

Approvals

FDA Approvals		USDA Approvals	
FDA US Food and Drug Administration US Federal Agency approves materials for use with food contact. The product range from Ammeraal Beltech Modular, uni-chains, holds the following FDA approved materials: • POM (D, DI, LF, NL, SLF, S, SI, MD, XRD & SX) • PP, PPI, PPMI & PPHW • PE, PEI & PEMI • PBT • PA6.6, PA6 & PA6.6 GFH • PVDF • NBWR • Rubber code: 01, 03, 05, 10, 11, 13 & 21		US Department of Agriculture USDA evaluates and accepts products and equipment for use in the dairy, meat, and poultry industries. Belts from Ammeraal Beltech Modular, uni-chains, listed on this page are included in the USDA's Accepted Meat and Poultry Equipment book as accepted for food contact and packaged goods respectively. In addition, USDA inspectors accept belt styles on an individual plant basis. USDA Dairy Grading Branch has issued Equipment Acceptance Certificates for the belt types listed on this page under USDA Dairy Accepted.	
FDA & EC1935/2004 Ammeraal Beltech Modular A/S hereby declares that the materials in the belt type meet the requirements mentioned in Title 21: Code of Federal Regulations, issued by the FDA according to paragraph 177.2600 for all wrapped and unwrapped foodstuffs. The listed materials comply with the requirements: • POM D Blue, POM D White • POM DI Blue, POM DI Grau, POM DI White • POM LF Brown, POM LF Natural • POM SLF Blue • POM S Blue, POM S White • POM SI Blue, POM SI White • POM MD • POM XRD • POM SX Blue, POM SX White • PP Blue, PP Grau, PP White • PPI Blue, PPI White • PPMI Blue • PPHW Light Blue, PPHW White • PE Natural, PE Blue • PE I Blue, PE I Grey, PE I Natural, PE I Orange, PE I White • PEMI Blue • PA6.6 Blue, PA6.6 Natural, PA6.6 White		USDA Dairy Approval • uni MPB, uni MPB G, uni MPB GE, uni MPB N, uni MPB NE, uni MPB 18%, uni MPB 20% and uni MPB 22% • uni CNB C, uni CNB 18% and uni CNB 22%	
		USDA Accepted Meat and Poultry Equipment (Food Contact) • uni SNB M2 series • uni OPB 4C, uni OPB 4V C, uni OPB 4V 23%, uni OPB 4V 36%, uni OPB 8C and uni OPB 8 25%	USDA Equipment Acceptance Certificate in compliance with NSF-3A-14159-003. Hygiene requirements for design of mechanical belt conveyors used in meat and poultry processing. The approval covers the following products: • uni MPB Single Link and bricklaid belts • uni MPB Product Supports and Side Guards • uni MPB Sprockets • uni Flex ONE • uni X-MPB
		USDA Accepted Meat and Poultry Equipment (Packaged Products only) • uni Light • uni SNB M2 series • uni OPB 4C, uni OPB 4V C, uni OPB 4V 23%, uni OPB 4V 36%, uni OPB 8C and uni OPB 8 25%	



Disclaimer

uni-chains® provides this catalogue as a service and for information purposes only. The material and contents are provided without warranty of any kind. This catalog is not intended to be used as a substitute for advice from our engineers and our official guidelines.

While we attempt to maintain the information in this catalog as accurately as possible, it may contain errors or omissions for which we deny any and all liability.

uni-chains® is not responsible for any property damage or personal injury, direct or indirect damage from failure or down time in production caused by improper equipment construction. uni-chains® cannot be held responsible for the incorrect application, operation and/or abuse of our products.

uni-chains® does not guarantee that the design and/or operational function of any equipment that incorporates uni-chains products, conforms to local, state, and/or federal regulations. Nor does uni-chains® warrant that standards relating to safety aspects such as public and worker safety, safety guards, fire and sanitation safety, or any other safety regulations are met by such equipment or products.

All users should read our "**Warnings**" and "**Design Safety Guidelines**" before using our products.

Warnings

Fire

uni-chains® plastic products are, unless clearly specified, made from materials which support open flame. Products made from POM material (D, I, LF and SLF), when so exposed, will emit toxic fumes. uni-chains® plastic products should therefore not be exposed to extreme temperatures or open flame. Special care should be taken when undertaking repair work particularly when welding at a conveyor if the conveyor is equipped with plastic chains or belts.

Personal Protection

Always use safety glasses when installing or repairing chains and belts and while securing or removing pins.

Use only suitable tools in good condition.

The weight of some products calls for the use of safety shoes.

When installing/removing or repairing chains or belts on a conveyor, the motor must be turned off.

Design Safety Guidelines

Most plastic products will lose their mechanical properties if exposed to the sun or ultraviolet beams, which can lead to chain or belt breakage. This can also happen if the products are exposed to strong chemicals. Generally, this is a problem with pH values lower than 4.5 or higher than 9.

Always make sure that there is enough space in the conveyor frame to allow chains and belts to retract or expand when exposed to temperature variations.

Never exceed the maximum or minimum temperatures given by uni-chains®.

Note: The different materials have different temperature limits.

Care should be taken with high chain/belt speeds at which friction can lead to heating and subsequently melting of chain/belt as well as wearstrips. Do not exceed speeds recommended by uni-chains®.

Use only original uni-chains® sprockets with uni-chains® belts and chains.

When constructing conveyors it is important to always include sufficient cover around the moving parts to prevent fingers and clothing from being caught in the machinery. uni-chains® can also supply safety chains and side flexing belts which leave minimal gaps when turning through curves making them safer than regular chains.

**Head Office, Denmark**

uni-chains A/S
Hjulmagervej 21, DK-7100 Vejle
tel: +45 75 72 31 00
fax: +45 75 72 33 48
e-mail: admin@unichains.dk
www.unichains.com

**Germany**

uni-chains Deutschland GmbH
tel: +49 5971-91437-0
fax: +49 5971-915475
e-mail: admin@unichains.de

**Italy**

uni-chains Italia s.r.l.
tel: +39 0522-922470
fax: +39 0522-922508
e-mail: unichains@unichains.it

**South Africa**

uni-chains ZA
tel: +27 11 397 2116
fax: +27 11 397 2117
e-mail: unichains@mweb.co.za

**Canada**

uni-chains CDN
tel: 610-372-1800
tel: 800-937-2864 (toll free)
fax: 610-372-3590
e-mail: sales@unichains.com

**Great Britain**

uni-chains UK
tel: +44 121-559-0377
fax: +44 121-559-0373
e-mail: admin@unichains.co.uk

**Netherlands**

uni-chains NL
tel: +31 651 732 110
fax: +31 547 275 566
e-mail: netherlands@unichains.com

**Sweden**

uni-chains SE
tel: +042-212 480
fax: +45 75 72 33 48
e-mail: admin@unichains.se

**France**

uni-chains FR
tel: +33 344 67 46 92
fax: +33 344 67 46 93
e-mail: france@unichains.com

**Ireland**

uni-chains IRL
tel: +44 121-559-0377
fax: +44 121-559-0373
e-mail: admin@unichains.co.uk

**Norway**

uni-chains NO
tel: +47 2220 2699
fax: +45 75 72 33 48
e-mail: norway@unichains.com

**USA**

uni-chains Manufacturing Inc.
tel: 610-372-1800
tel: 800-937-2864 (toll free)
fax: 610-372-3590
e-mail: sales@unichains.com

**Argentina**

Bandax Argentina S.A.
tel: +54 11 4717-5151

**Australia**

Belts: Heat & Control Pty. Ltd.
tel: +61 73877 6333

Chains: Renold Australia Pty. Ltd.
tel: +61 39262 3333

**Austria**

Katena Stahlgelenketten GmbH
tel: +43 1292 1071

**Belarus**

JV Ltd. Chiorino-K
tel: +375 17 280 45 78

**Belgium**

Ketten Wulf NV
tel: +32 9 243 73 73

**Brazil**

Sampla Belting
tel: +55 11 6402-3022

**Chile**

Ducasse Comercial Ltda.
tel: +56 23 557100

**Colombia**

Oxicortes S.A.
tel: +57 4 262 03 23

**Czech Republic**

Murtfeldt Plasty s.r.o
tel: +420 272 706 052

**Egypt**

United Trading Co.
tel: +20 2 451 07 93

**Estonia**

Tecnobalt Group - Trellest LTD
tel: +372 4575723100

**Finland**

SKS-Mekaniika OY
tel: +35 09-852 661

**Greece**

George P. Alexandris S.A.
tel: +30 210 4111841

**Hungary**

Tech-Con HungariaKFT
tel: +36 1/4124161

**Iceland**

Bakverk-Heidsala EFT
tel: +354 517-2220

**India**

Lakhotia Beltings Private Ltd.
tel: +91 80 2242588

**Iran**

Pour Limited
tel: +98 21-8722237

**Israel**

M. Marcus Conveyor Supply Ltd.
tel: +972 3-9415150

**Japan**

Kansai Wire Netting Co., Ltd.
tel: +81 66 561 2014

**Latvia**

Peruza Ltd.
tel: +371 7248036

**Lithuania**

Pak Markas Ltd.
tel: +370 5 239 25 25

**Mexico**

Linarand S.A. de C.V.
tel: +52 55 5341 8131

**New Zealand**

Belts: Heat & Control Ltd.
tel: +64 9 274 4182

Chains: Renold New Zealand Ltd.
tel: +64 9 828 5018

**Poland**

Derco s.p. zoo
tel: +48 022 664 3887

**Portugal**

Harker, Sumner S.A.
tel: +351 229478090

**Romania**

Meteor Auto s.r.l.
tel: +40 21-221 9640

**Russia**

Moscow branch:
Megadrive Ltd.
tel: +7 495 346-24-10

St. Petersburg branch:
Megadrive-Spb Ltd.
tel: +7 812 389-13-38

**South Korea**

Dongan-Ku Anyang City:
Woo Il Trading Co.
tel: +82 31-479-5100

Seoul:

JC Systems Co. Ltd.
tel: +823-2062-0394
uni-metals Co. Ltd.
tel: +823 806 0330

**Spain**

CID, S.L.
tel: +34 (91) 507 28 38

**Singapore**

uni conveyor chains Asia Pte Ltd.
tel: +65 7498513/4

**Switzerland**

Plüss tel: +41 44 824 88 00
Renold tel: +41 44 824 84 84

**Taiwan**

Uei Yeu Co. Ltd.
tel: +886 2 22182201

**Turkey**

Mimsan Ithalat Ihracat Konveyör
tel: +90 212 657 89 46

**UAE**

Tecnobelt Trading
tel: +971 4 299 4828

**Ukraine**

UNIBELT Ltd.
tel: +380 44 592-88-72