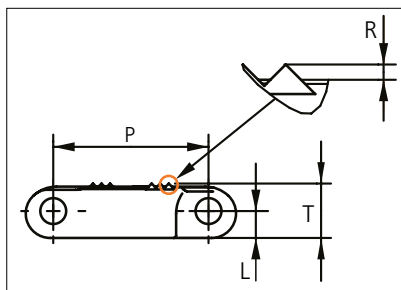




Plastic Modular Belt

Series **uni LPB** Type **Rough** Material **POM-NLAS**



Straight running belt
Nominal pitch: 25.4 mm (1.00 in)
Surface type: Rough (R10)
Surface opening: Closed
Backflex radius: 25.0 mm (0.98 in)
Pin diameter: 4.0 mm (0.16 in)

Belt material & color	POM-NLAS 		mm	in		mm	in
		P (Nominal)	25.4	1.00	R	0.9	0.04
Pin material & color	 PA6.6 	L	4.4	0.17	T	8.9	0.35

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

Alternative pin and lock materials: Lockpin: PBT **LG**

Belt width		Permissible tensile force (Belt/pin material)		***Belt weight (Belt/pin material)		Min No drive sprocket per shaft	Number of wear strips (min no)	
		POM-NLAS/PA66		POM-NLAS/PA66			**Carry (pcs)	**Return (pcs)
mm	in	N	lbf	Kg/m	lb/ft			
153	6.0	5355	1204	1.0	0.68	2	1	1
229	9.0	8015	1802	1.5	1.02	2	1	1
305	12.0	10675	2400	2.0	1.35	3	3	2
381	15.0	13335	2998	2.5	1.69	3	3	2
457	18.0	15995	3596	3.0	2.03	4	4	2
533	21.0	18655	4194	3.5	2.36	4	4	2
609	24.0	21315	4792	4.0	2.70	5	5	3
685	27.0	23975	5390	4.5	3.04	5	5	3
761	30.0	26635	5988	5.0	3.38	6	6	3
937	36.9	32795	7372	6.2	4.16	7	7	4
913	35.9	31955	7183	6.0	4.05	7	7	4
989	38.9	34615	7781	6.5	4.39	7	7	4

Additional standard belt widths are available in steps of 76.0 mm (2.99 in). Additional non-standard belt widths are available in steps of 76.0 mm (2.99 in).

1978	77.9	69230	15563	13.1	8.77	14	14	7
------	------	-------	-------	------	------	----	----	---

Additional standard belt widths are available in steps of 76.0 mm (2.99 in). Additional non-standard belt widths are available in steps of 76.0 mm (2.99 in).

2966	116.8	103810	23336	19.6	13.16	20	20	10
------	-------	--------	-------	------	-------	----	----	----

General belt tolerance is +0/-0.4% at 23°C/73°F and 50% RH. For exact belt width contact Customer Service. Non standard belt width on request.

*Max. Load per Drive Sprocket. Belt material: POM-NLAS 2300 N (517 lbf).

**Full Carry way support (FS) deck of wearstrip material recommended for safe walk belts.

***Return belt support via free running gravity rollers recommended to avoid marking safe walk belt surface.

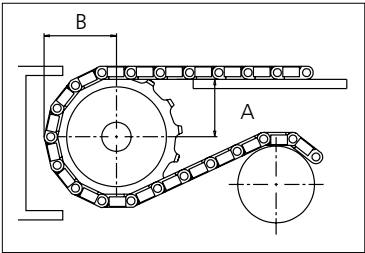
Surface grip in material NLAS (R10).

□ = Single Link

Sprocket

No of teeth	Bore size									Overall diameter		Pitch-diameter		Hub-diameter		A-dimen-sion		B-dimen-sion		Single row/Two way	Double row/Two way	Molded PA6 LG	Machined PA6 N
	Pilot bore	in	1.00	1.18	1.25	1.50	1.57	2.36	2.50														
		mm	25.4	30.0	31.8	38.1	40.0	60.0	63.5														
Z10	x		●	●	●	■	●			80.3	3.16	82.2	3.24	65.0	2.56	34.7	1.36	45.5	1.79	x		x	
Z12	x		●	●	●	■	●			96.8	3.81	98.1	3.86	70.0	2.76	43.0	1.69	53.5	2.11	x		x	
Z15	x			●	●	●	●	² ■	¹ ■	121.5	4.78	122.2	4.81	¹ 70.0 ² 100.0 ³ 104.0	¹ 2.76 ² 3.94 ³ 4.09	55.4	2.18	65.5	2.58	x		x	
Z18	x			●	●	●	●	² ■	¹ ■	146.0	5.75	146.3	5.76	² 70.0 ³ 104.0 ⁴ 120.0	² 2.76 ³ 4.09 ⁴ 4.72	67.6	2.66	77.5	3.05	x		x	
Z19	x			●	●	●	■	¹ ■	¹ ■	154.2	6.07	154.3	6.07	¹ 70.0 ² 120.0	¹ 2.76 ² 4.72	71.7	2.82	81.6	3.21	x		x	

● Moulded sprocket ■ Moulded sprocket ■ Moulded sprocket



Same sprocket type as for the uni QNB serie.
Other sprocket sizes are available upon request.
Two-part sprockets are available upon request.
Round bores are always delivered with keyway.
Other bore sizes are available upon request.
uni Retainer Rings: See uni Retainer Ring data sheet.
Width of tooth = 10.0 mm (0.39 in)
Width of sprocket = 25.0 mm (0.98 in)

Max load per sprocket shown does not take bore size into account.
Please also ensure that sufficient size shaft is chosen for corresponding load.

For correct sprocket position: See uni Assembly Instructions for uni LPB.
For more detailed sprocket information. contact Customer Service.

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.ammeraalbeltech.com

Ammeraal Beltech Modular A/S
Hjulmagervej 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.