

Belt Specifications

OPB

Belt Weights

Belt material	Acetal				PP				PE			
	plastic		steel		plastic		steel		plastic		steel	
	kg/m ²	lbs/ft ²	kg/m ²	lbs/ft ²	kg/m ²	lbs/ft ²	kg/m ²	lbs/ft ²	kg/m ²	lbs/ft ²	kg/m ²	lbs/ft ²
OPB C/C rough/ vac.	11.7	2.4	18.3	3.8	7.5	1.5	14.0	2.9	8.1	1.7	14.6	3.0
OPB 20%/23%/25%	10.1	2.1	16.1	3.3	6.9	1.4	13.4	2.7	7.3	1.5	13.8	2.8
OPB 36%	9.5	1.9	15.3	3.1	6.3	1.3	12.8	2.6	6.7	1.4	13.2	2.7
OPB Rib	14.6	3.0	21.1	4.3	9.3	1.9	15.7	3.2	10.1	2.1	16.5	3.4

Sprockets

uni-chains reference no.	no. of teeth	bore				pitch diameter		overall diameter		bottom diameter		hub diameter	
		min.		max.		mm	inch	mm	inch	mm	inch	mm	inch
		mm	inch	mm	inch								
1-OPB-8	8	20	0.79	40	1.57	130.7	5.15	129.0	4.82	111.7	4.40	63	2.48
3-OPB-8	8	20	0.79	40	1.57	130.7	5.15	129.0	4.82	111.7	4.40	65	2.56
3-OPB-8*	8	20	0.79	40	1.57	130.7	5.15	129.0	4.82	111.7	4.40	65	2.56
3-OPB-8-BB	8	20	0.79	65	2.48	130.7	5.15	129.0	4.82	111.7	4.40	80	3.15
3-OPB-8-BB*	8	20	0.79	50	5.91	130.7	5.15	129.0	4.82	111.7	4.40	80	3.15
1-OPB-10	10	20	0.79	40	1.57	161.8	6.37	160.1	6.12	142.8	5.62	63	2.48
3-OPB-10	10	20	0.79	40	1.57	161.8	6.37	160.1	6.12	142.8	5.62	65	2.56
3-OPB-10*	10	20	0.79	40	1.57	161.8	6.37	160.1	6.12	142.8	5.62	63	2.48
3-OPB-10-BB	10	20	0.79	100	3.94	161.8	6.37	160.1	6.12	142.8	5.62	120	4.72
3-OPB-10-BB*	10	20	0.79	80	3.15	161.8	6.37	160.1	6.12	142.8	5.62	120	4.72
1-OPB-12	12	20	0.79	40	1.57	193.2	7.61	191.5	7.54	174.2	6.86	63	2.48
3-OPB-12	12	20	0.79	40	1.57	193.2	7.61	191.5	7.54	174.2	6.86	63	2.48
3-OPB-12*	12	20	0.79	40	1.57	193.2	7.61	191.5	7.54	174.2	6.86	63	2.48
3-OPB-12-BB	12	20	0.79	130	5.12	193.2	7.61	191.5	7.54	174.2	6.86	150	5.91
3-OPB-12-BB*	12	20	0.79	100	3.94	193.2	7.61	191.5	7.54	174.2	6.86	150	5.91
1-OPB-13	13	20	0.79	40	1.57	208.9	8.22	207.3	8.16	189.9	7.48	63	2.48
3-OPB-13	13	20	0.79	40	1.57	208.9	8.22	207.3	8.16	189.9	7.48	63	2.48
3-OPB-13*	13	20	0.79	40	1.57	208.9	8.22	207.3	8.16	189.9	7.48	63	2.48
3-OPB-13-BB	13	20	0.79	130	5.12	208.9	8.22	207.3	8.16	189.9	7.48	150	5.91
3-OPB-13-BB*	13	20	0.79	100	3.94	208.9	8.22	207.3	8.16	189.9	7.48	150	5.91
1-OPB-16	16	20	0.79	40	1.57	256.3	10.09	254.6	10.02	237.3	9.34	73	2.87
3-OPB-16	16	20	0.79	40	1.57	256.3	10.09	254.6	10.02	237.3	9.34	75	2.95
3-OPB-16-BB	16	20	0.79	130	5.12	256.3	10.09	254.6	10.02	237.3	9.34	150	5.91
3-OPB-16-BB*	16	20	0.79	100	3.94	256.3	10.09	254.6	10.02	237.3	9.34	150	5.91

1 = steel

3 = plastic

*Square bore.

Standard materials: Polyamide, 18/8 CrNi steel and carbon steel.

Split sprockets are available.

Square bore in steel sprockets and other teeth numbers are available upon request.

Please, contact uni-chains for further information.

Please, note: For OPB 8M and OPB 8P it is necessary to use special sprockets.



42.3 mm
1.67 inch