

Baseless Sidewall Minimum Pulley Diameter Table

Material:	Volta FW-White & FMB-Blue (FDA, USDA, EU); Volta FZ- Green (GenCon)
Compatibility:	Volta M & L family materials: W, MW, MB, Z, G, GZ, L, LW, LB

Base Belt Type	Sidewall Height	mm	30		40		50		60		80		100		130		150	
		inch	1		1.5		2		2.5		3		4		5		6	
	Sidewall Thickness	mm	2		2		2		2		2		2		2		2	
Base Belt: Thickness	Unit	Normal flex	Back flex	Normal flex	Back flex	Normal flex	Back flex	Normal flex	Back flex	Normal flex	Back flex	Normal flex	Back flex	Normal flex	Back flex	Normal flex	Back flex	
Homogenous belts: only 95A Shore hardness or more. Reinforced belts: All belt types	2	mm	80	110	90	120	100	150	110	180	NR		NR		NR		NR	
		inch	3.15	4.33	3.54	4.72	3.94	5.91	4.33	7.09	NR		NR		NR		NR	
	2.5	mm	80	110	90	120	100	150	110	180	NR		NR		NR		NR	
		inch	3.15	4.33	3.54	4.72	3.94	5.91	4.33	7.09	NR		NR		NR		NR	
All belt types	3	mm	80	110	90	120	100	150	110	180	130	230	160	300	210	400	250	450
		inch	3.15	4.33	3.54	4.72	3.94	5.91	4.33	7.09	5.12	9.06	6.3	11.81	8.27	15.75	9.84	17.72
	4	mm	80	110	90	130	100	150	110	190	130	240	160	310	210	420	250	470
		inch	3.15	4.33	3.54	4.72	3.94	5.91	4.33	7.48	5.12	9.45	6.3	12.2	8.27	16.54	9.84	18.5
	5	mm	100	130	100	150	110	180	120	220	150	260	180	340	225	450	280	500
		inch	3.94	5.12	3.94	5.91	4.33	7.09	4.72	8.66	5.91	10.24	7.09	13.39	8.86	17.72	11.02	19.69

- Minimum distance between sidewalls : 300mm/11.9" (center to center)
- Maximum distance between sidewalls : 2000mm/ 78.5" (center to center)
- Minimum sidewall height: 30mm/1.18"
- Maximum sidewall height: 150mm/6"
- Sidewall pitch (distance peak to peak): 50.8mm / 2"

The MPD values in the table are only for the assembled sidewall
 In case you have other fabrications also on the belt you have to check that the MPD is smaller than this value.
 This table is also relevant to SD & DD belts
 For Reinforced belts add 10% to the table values .
 Dimensions have been converted from metric measurements
NR - Not recommended

