

Production tolerances rubber conveyor belts

tolerances follow DIN 22102-1

Tolerances stated refer to production tolerances upon further processing by noltewerk. If subsequent processing of semi-finished products does not take place at noltewerk the production tolerances of such semi-finished products may vary from the noltewerk tolerances.

In case of sub-measures (measuring chain) each individual tolerance in added to the overall measure (e.g. from $\pm 0,3$ in $\pm 0,6$ mm).

Limits for belt width

belt width [mm]	tolerances [mm]
300 / 400 / 500	$\pm 5,0$
650 / 800 1.000 / 1.200 1.400 / 1.600 1.800 / 2.000 2.200 / 2.400 2.600 / 2.800 3.000 / 3.200	$\pm 1,0\%$

Limits for belt width (open)*¹

delivery	tolerances [%]
as one part / length	+2,5 - 0
as several parts / length per part	$\pm 5,0$
as summary of all parts	+ 2,5 - 0
stock material	$\pm 5,0$

*¹Length measured when slack

Limits for belt width (endless)*¹

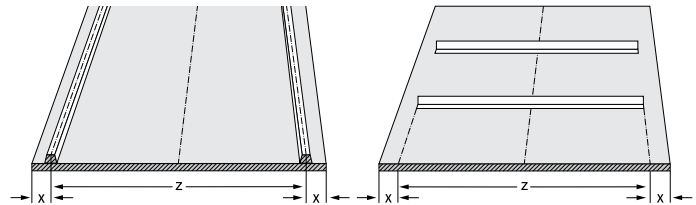
belt width [mm]	tolerances [mm]
≤ 15.000	$\pm 50,0$
$> 15.000 - \leq 20.000$	$\pm 70,0$
> 20.000	$\pm 0,5\%$

*¹Length measured when slack

Limits for profile centre-to-centre distances

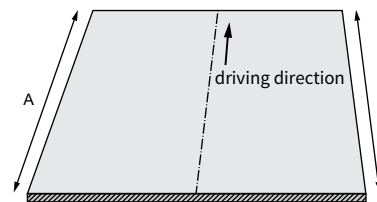
belt width [mm]	tolerances [mm] * ²	
	x	z
≤ 500	$\pm 2,0$	$\pm 4,0$
> 1.500	$\pm 3,0$	$\pm 6,0$
> 3.500	$\pm 4,0$	$\pm 8,0$
> 4.000	$\pm 5,0$	$\pm 10,0$
> 4.500	$\pm 6,0$	$\pm 12,0$

*²Divergent tolerance on inquiry possibly



Limits for belt width

declaration	tolerances [%]
Difference between the left and right belt edge (endless as well as open legth)	max. $\pm 0,2$

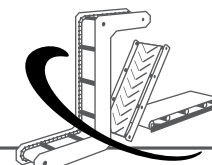


Lateral emigrating-tracking ability *³ (tolerances follow DIN EN ISO 14890)

belt width [mm]	tolerances [mm]
≤ 800	± 40
> 800	$\pm 5\%$ (max. 75)

*³Condition is a really straightened arrangement with concentric loading

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