



Manufacturing Tolerances

Power transmission belts

Width	Tolerance	<p>If belts are sold per meter the length tolerance is equal to $\pm 0,5\%$. Concerning belts and spindle tapes with polyamide traction element, also possible dimensional variations due to humidity environmental conditions should be considered. These can reach $0,5 \div 1\%$.</p>
10 ÷ 50 mm	± 1 mm	
> 50 ÷ 200 mm	$\pm 1,5$ mm	
> 200 ÷ 400 mm	± 2 mm	
> 400 ÷ 600 mm	± 3 mm	
Length	Tolerance	
Up to 5 m	± 10 mm	
> 5 ÷ 10 m	± 20 mm	
> 10 ÷ 30 m	± 30 mm	
> 30 ÷ 50 m	± 50 mm	
over 50 m	± 100 mm	

Conveyor belts

Width	Tolerance	<p>If belts are sold per meter the length tolerance is equal to $\pm 0,5\%$. Concerning polyamide belts, also possible dimensional variations due to humidity environmental conditions should be considered. These can reach $0,5 \div 1\%$.</p>
10 ÷ 100 mm	± 1 mm	
> 100 ÷ 300 mm	± 1 %	
> 300 ÷ 600 mm	$\pm 0,8$ %	
> 600 ÷ 1200 mm	$\pm 0,6$ %	
> 1200 ÷ 2400 mm	$\pm 0,5$ %	
> 2400 ÷ 4000 mm	$\pm 0,4$ %	
Length	Tolerance	
Up to 5 m	± 10 mm	
> 5 ÷ 10 m	± 20 mm	
> 10 ÷ 30 m	± 30 mm	
> 30 ÷ 50 m	± 50 mm	
over 50 m	± 100 mm	
over 100 m	± 200 mm	

Thermoplastic materials tolerances

Regarding thermoplastic materials, manufacturing tolerances comply with UNI-EN 20286/1, 31/12/95.

Manufacturing quality IT-13, average roughness between 3.2 and 6.3 microns.

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