

# Technical datasheet

## CeNit® EP 1000/5 1,5:1,5 Y

Belt Dimension	Specification	Unit	Test Standard	Tolerances
Belt width [B1]*	n.a.	mm	DIN 22102	± 5 mm**
Total thickness [T1]	10.0	mm	DIN EN ISO 583	± 1 mm***
Top cover thickness [T2]	1.5	mm	DIN EN ISO 583	+ free/- 0.2 mm****
Bottom cover thickness [T3]	1.5	mm	DIN EN ISO 583	+ free/- 0.2 mm****
Belt weight	about 11.4	kg/m <sup>2</sup>		

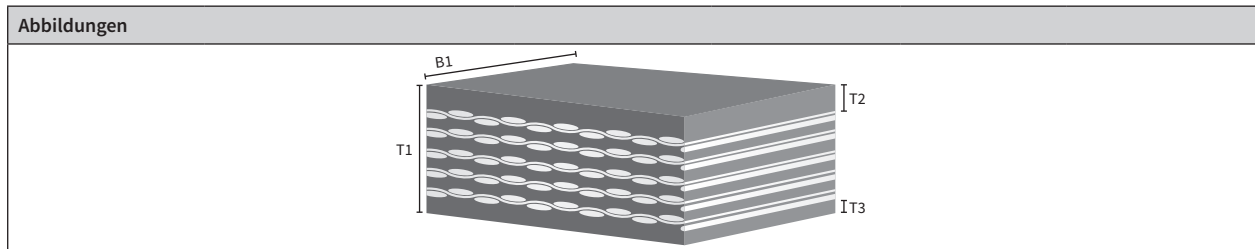
Belt Test	Specification	Unit	Test Standard	Tolerances
Tensile strength	1.000	N/mm	DIN 22102	min.
Elongation at 10 % of tensile strength	2.5	%	DIN EN ISO 283	max.
Elongation at break	12	%	DIN 22102	min.
Width of solid edges	cut edges		DIN 22102	not relevant

Cover Rubber Test	Specification	Unit	Test Standard	Tolerances	
Tensile strength <sup>(1)</sup>	20	N/mm <sup>2</sup>	DIN 53504	min.	
Elongation at break <sup>(2)</sup>	400	%	DIN 53504	min.	
Abrasion	130	mm <sup>3</sup>	DIN ISO 4649	max.	
Hardness	60	°ShA	DIN ISO 7619-1	± 5	
After aging: 168 hours at 70 °C	Changes of tensile strength <sup>(1)</sup>	± 25	%	DIN 22102	
	Changes of elongation <sup>(2)</sup>	± 25	%	DIN 22102	
Electrical surface resistance	3·10 <sup>8</sup>	Ω	DIN EN ISO 284	max.	

Adhesion Test	Specification	Unit	Test Standard	Tolerances
Top cover to first ply	3.5	N/mm	DIN EN ISO 252	min.
Ply to ply	5.0	N/mm	DIN EN ISO 252	min.
Bottom cover to last ply	3.5	N/mm	DIN EN ISO 252	min.

Pulley Diameter	Specification	Unit	Test Standard	Tolerances
Minimum pulley diameter	800	mm		min.

Additional Properties	Legend
<ul style="list-style-type: none"> <li>› The conveyor belt is ozone-resistant.</li> <li>› Appropriated for the operations with ambient temperatures of -40 °C to 60 °C (material max. 80 °C)</li> </ul>	n.a. = not applicable



Produktbezogene Sondereigenschaften können im hauseigenen Labor geprüft werden, ggf. können auch eigene separate und DIN abweichende Prüfstandards spezifiziert werden.  
 \*max. Gurtbreite: 1600 mm; \*\*bis 500 mm Gurtbreite, bei Gurtbreiten > 500 mm gilt ± 1%; \*\*bis 10 mm Gurtstärke, bei Gurtstärken > 10 mm gilt ± 10%; \*\*\*\*bis 4 mm Deckplattendicke, bei Deckplattendicken > 4 mm gilt ± 5%

All information based on current knowledge and experience. Information provided shall not exempt the contractor or user from conducting own tests. A legally binding warranty as to product features or its suitability for specific purposes may not be derived therefrom. Compliance with any proprietary rights as well as existing laws or regulations is the responsibility of the recipient of our products. No liability assumed for printing and any other errors. Technical data subject to change without notice. Reproduction or duplication of this document or its contents - whole or in part - is only permitted with express approval by company noltewerk. The German version of this data shall prevail. As of 0919.



rubber  
conveyor belts