

Technical datasheet

CeNit® EP 630/4 2:2 MG

| Belt Dimension | Specification | Unit | Test Standard | Tolerances |
|-----------------------------|---------------|-------------------|----------------|---------------------|
| Belt width [B1]* | n.a. | mm | DIN 22102 | ±5 mm** |
| Total thickness [T1] | 8.0 | mm | DIN EN ISO 583 | ±1 mm*** |
| Top cover thickness [T2] | 2.0 | mm | DIN EN ISO 583 | + free/- 0.2 mm**** |
| Bottom cover thickness [T3] | 2.0 | mm | DIN EN ISO 583 | + free/- 0.2 mm**** |
| Belt weight | about 8.8 | kg/m ² | | |

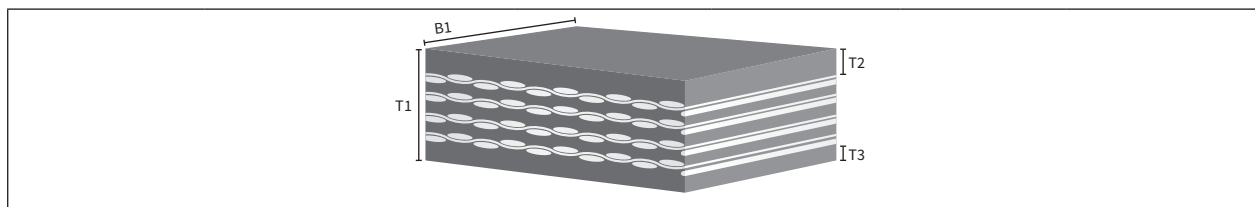
| Belt Test | Specification | Unit | Test Standard | Tolerances |
|---------------------------------------|---------------|------|----------------|--------------|
| Tensile strength | 630 | N/mm | DIN 22102 | min. |
| Elongation at 10% of tensile strength | 2.5 | % | DIN EN ISO 283 | max. |
| Elongation 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 ⁽¹⁾ | 16 | N/mm ² | DIN 53504 | min. | |
| Elongation at break ⁽²⁾ | 450 | % | DIN 53504 | min. | |
| Abrasion | 150 | mm ³ | DIN ISO 4649 | max. | |
| Hardness | 65 | °ShA | DIN ISO 7619-1 | ±5 | |
| After aging: 168 hours at 70 °C | Changes of tensile strength ⁽¹⁾ | n.a. | % | DIN 22102 | |
| | Changes of elongation ⁽²⁾ | n.a. | % | DIN 22102 | |
| Electrical surface resistance | 3·10 ⁸ | 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 | 500 | mm | | min. |

| Additional Properties | Legend |
|---|--|
| <ul style="list-style-type: none"> › The conveyor belt is ozone-resistant and grease-resistant › Oil and grease resistant cover as well as oil and grease resistant centre-intermediate rubber › DPQ (cover swelling): IRM 901 max. 3% – IRM 902 max. 10% – IRM 903 max. 20% [% change in weight] › Suitable for ambient temperatures from -15°C to +80°C (Material greasy or moist max 60 °C) › Production according REACH guidelines | n.a. = not applicable DPQ = cover swelling (at 70°C/22h) |



Product-related special properties could be tested in the in-house laboratory (if necessary own separate and DIN deferring test method could be specified).
 *max. belt width: 1.600 mm; **up to 500 mm belt width, above 500 mm belt width applies ± 5 mm; ***up to 10 mm belt thickness, above 10 mm belt thickness ± 10% applies, ****up to 4 mm cover thickness, above 4 mm cover thickness ± 5 % applies.

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 1019.



rubber
conveyor belts