

Technical information

Nomenclature for rubber conveyor belts

DIN 22102 - Textile conveyor belts for bulk material
 DIN EN ISO 14890 - Conveyor belts - Specific requirements for rubber and/or plastics covered conveyor belts of textile construction for general applications

The standard also mentions the designation of conveyor belts:

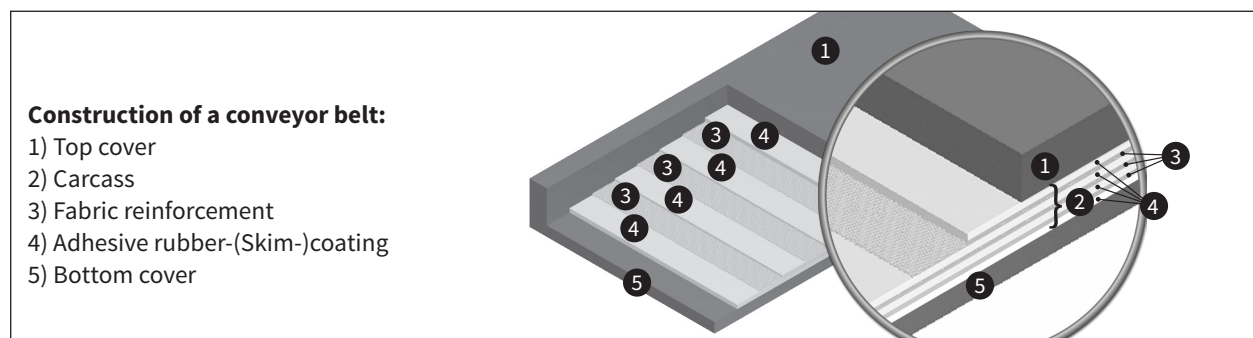
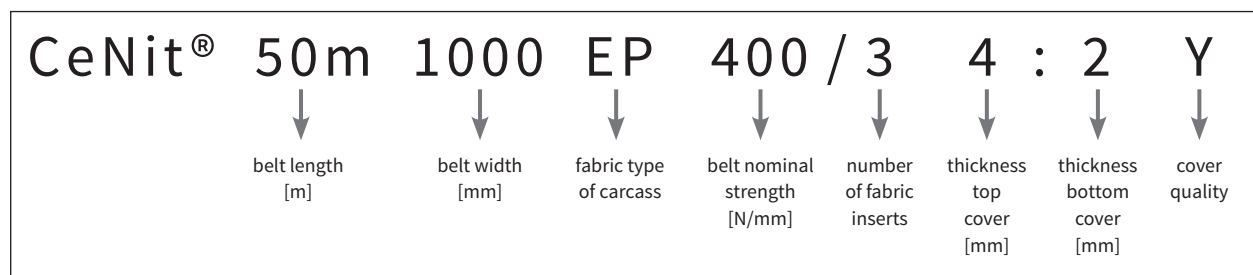
- > required length in metres
- > required width in millimetres
- > insert material of carcass in warp and weft direction
- > breaking strength in Newton per millimetre belt width (new belts)
- > number of layers or belt type
- > thickness of top cover in millimetres
- > thickness of bottom cover in millimetres
- > classification of cover

Applied to our example:

Conveyor belt of 50 m length, 1,000 mm width, insert material in longitudinal direction polyester (E) and in transverse direction polyamide (P), minimum breaking strength at full belt thickness 400 N/mm, with 3 inserts as well as a top cover thickness of 4 mm and a bottom cover thickness of 2 mm, cover quality Y.

For further technical details please refer to our data sheets or contact us.

Belt nominal strength [N/mm]	Number of fabric inserts	Fabric type of individual layers
315	2	EP 160
	3	EP 100
400	2	EP 200
	3	EP 125
500	3	EP 160
	4	EP 125
630	3	EP 200
	4	EP 160
800	3	EP 250
	4	EP 200
	5	EP 160
1000	3	EP 315
	4	EP 250
	5	EP 200
1250	3	EP 400
	4	EP 315
	5	EP 250



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