

Technical Data Sheet Semperit Elevatorbelt „GM“ Quality

High-Grade, medium-oilresistant elevatorbelts with good mechanical stability. Resistant against animal and vegetable oil and fat. Suitable for conveying agricultural products (corn, grain), animal food and wood in combination with higher temperatures

Characteristics	Standard	Unit	400/3	500/4	630/4	800/5	1000/5	1250/5
Belt Rating	DIN 22102	mm	EP 400	EP 500	EP 630	EP 800	EP 1000	EP 1250
Thickness Cover A	ISO 583	mm	2	2	2	2	2	2
Thickness Cover B	ISO 583	mm	2	2	2	2	2	2
Belt Thickness (+/-1)	ISO 583	Mm	6,4	7,4	8,2	9,5	10	10,8
Belt weight ca.		kg/qm	7,35	8,50	9,57	11,45	12	12,90
Carcass								
Number of plies			3	4	4	5	5	5
Warp (Polyester)								
Weft (Polyamid)								
Cover Rubber								
Tensile strength	ISO37 T2	MPa	min 20	min 20	min 20	min 20	min 20	min 20
Elongation at break	ISO37 T2	%	min 400	min 400	min 400	min 400	min 400	min 400
Abrasion	ISO 4649	mm ³	max 100	max 100	max 100	max 100	max 100	max 100
Hardness (+/-5)	ISO 37 T2	Shore A	65	65	65	65	65	65
Adhesion								
Cover A	ISO 252	N/mm	min.4,5	min.4,5	min.4,5	min.4,5	min.4,5	min.4,5
Cover B	ISO 252	N/mm	min.4,5	min.4,5	min.4,5	min.4,5	min.4,5	min.4,5
Ply to ply	ISO 252	N/mm	min.5	min.5	min.5	min.5	min.5	min.5
Breaking strength of Conveyor belt								
In warp direction	ISO 283	N/mm	min. 400	min. 500	min. 630	min. 800	min. 1000	min1250
Elongation under reference load (10%)	ISO 283	%	max.1,5	max.1,5	max.2,5	max.2,5	max.2,5	max.2,5

Additional Information

**Antistatic acc. ISO 284: < 300 M Ohm
Temperature resistant up to: 100° C
Sealed edges**

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Stand
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