

Technical Datasheet

Rubber-Elevatorbelts 'MG'

Rubber-Elevatorbelts, oilresistant covers and intermediate rubber
antistatic, impregnated cut edges

Properties:	Standard:	Unit:	400/3	500/4	630/4	800/5	1000/5
Carrier:	DIN 22102		EP 400	EP 500	EP 630	EP 800	EP 1000
Thickness Cover A ca.	DIN 22102	mm	2	2	2	2	2
Thickness Cover B ca.	DIN 22102	mm	2	2	2	2	2
Total thickness	DIN 22102	mm	6,5	7,5	8	9	10
Weight: <small>*approximately</small>	DIN 22102	kg/m ²	7,2	8,4	8,8	10,2	11,5
Carcass:							
Number of plies:			3	4	4	5	5
Polyester/Polyamide			EP 125	EP 125	EP 160	EP 160	EP 200
Cover properties:							
Tensile strength min.	DIN 22102	MPa	16	16	16	16	16
Elongation at break min.	DIN 22102	%	450	450	450	450	450
Abrasion:	DIN 22102	mm ³	150	150	150	150	150
Shore Hardness:	ISO 7619	Shore A	65	65	65	65	65
Adhesion min.							
Cover A/ply	DIN 22102	N/mm	4,5	4,5	4,5	4,5	4,5
Cover B/ply	DIN 22102	N/mm	4,5	4,5	4,5	4,5	4,5
Between plies	DIN 22102	N/mm	5	5	5	5	5
Break resistance of belt:							
Min breaking strength warp:	DIN 22102	N/mm	400	500	630	800	1000
Max working elongation:	DIN 22102	%	1,5	1,5	2,5	2,5	2,5

Additional information:

Ambient temperature : -15 bis +80°C / Material temperature: greasy and damp: +60°C
dry material: slightly greasy: +100°C. Usable for the transport of material containing
vegetable oil and fat - as well as mineral oils. Antistatic acc. ISO 284, resistant against ozone
ATEX: Group II, Category 3, Zone G2/D22, DIN EN 12882: Category 1
Volume change of covers: IRM901 22h/70°C max. 3%, IRM902 max 10%, IRM903 max. 20%
Produced in the EU
The belt will be produced according to the REACH-regulations.