

Technical Datasheet EPDM - Rubber-Elevatorbelt "T4"



Rubber-Elevatorbelts, high-heatresistant quality
abrasion-resistant covers, antistatic, impregnated cut edges

Properties:	Standard:	Unit:	800/5	1000/5
Carrier:	DIN 22102		EP 800	EP1000
Thickness Cover A ca.	DIN 22102	mm	2	2
Thickness Cover B ca.	DIN 22102	mm	2	2
Total thickness	DIN 22102	mm	9,5	10,5
Weight:	DIN 22102	kg/m ²	10,8	11,6
*approximately				
Carcass:				
Number of plies:			5	5
Polyester/Polyamide			EP 160	EP 200
Cover properties:				
Tensile strength min.	DIN 22102	MPa	17	17
Elongation at break min.	DIN 22102	%	350	350
Abrasion:	DIN 22102	mm ³	180	180
Shore Hardness:	ISO 7619	Shore A	61	61
Adhesion min.				
Cover A/ply	DIN 22102	N/mm	4,5	4,5
Cover B/ply	DIN 22102	N/mm	4,5	4,5
Between plies	DIN 22102	N/mm	5	5
Break resistance of belt:				
Min breaking strength warp:	DIN 22102	N/mm	800	1000
Max working elongation:	DIN 22102	%	2,5	2,5

Additional information:

antistatic acc. ISO 284, resistant against ozone, both covers smooth

ATEX: II, Cat 3., Zone G2/D22, DIN EN 12882: Cat. 1

Ambient temperature: -25°C- +130°C , Materialtemperature +180- 210° C, Peak: +400°C

Impregnated cut edges

The belt will be produced according to the REACH-regulations.