

# Technical Datasheet EPDM

## Rubber-Elevatorbelt "T4"

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

<b>Properties:</b>	<b>Standard:</b>	<b>Unit:</b>	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: <small>*approximately</small>	DIN 22102	kg/m <sup>2</sup>	10,8	11,6
<b>Carcass:</b>				
Number of plies:			5	5
Polyester/Polyamide			EP 160	EP 200
<b>Cover properties:</b>				
Tensile strength min.	DIN 22102	MPa	18	18
Elongation at break min.	DIN 22102	%	500	500
Abrasion:	DIN 22102	mm <sup>3</sup>	110+/-20	110+/-20
Shore Hardness:	ISO 7619	Shore A	68	68
<b>Adhesion min.</b>				
Cover A/ply	DIN 22102	N/mm	4,5	3,5
Cover B/ply	DIN 22102	N/mm	4,5	3,5
Between plies	DIN 22102	N/mm	5	5
<b>Break resistance of belt:</b>				
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 - +60°C, Materialtemperature +180- 210° C, Peak: +400°C

((range of material temperature depends on the environment temperature, grain size +contact duration)

Impregnated cut edges, produced in the EU

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