

## Technical Data Sheet Semperit Elevatorbelt „OR“ Quality

***High-Grade, excellent oilresistant elevatorbelts with good mechanical stability. Resistant against animal and vegetable oil and fat, as well as mineral oil, acid and lye.  
Especially suitable for soy- and rape-seed grist***

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	7,6	8	9,65	10	10,8
Belt weight ca.		kg/qm	7,35	9,00	9,75	10,7	11,5	12,90
<b>Carcass</b>								
Number of plies			3	4	4	5	5	5
Warp (Polyester)								
Weft (Polyamid)								
<b>Cover Rubber</b>								
Tensile strength	ISO37 T2	MPa	min 17	min 17	min 17	min 17	min 17	min 17
Elongation at break	ISO37 T2	%	min 450	min 450	min 450	min 450	min 450	min 450
Abrasion	ISO 4649	mm <sup>3</sup>	max 170	max 170	max 170	max 170	max 170	max 170
Hardness (+/-5)	ISO 37 T2	Shore A	65	65	65	65	65	65
<b>Adhesion</b>								
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
<b>Breaking strength of Conveyor belt</b>								
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**

***Covers and rubber between plies made of high-grade NBR!***

NTF-Gummi GmbH & Co. KG  
Hoflohne 6  
26759 Hinte Westerhusen

Phone 0049-4925-275720  
Fax 0049-4925-2757233  
Mail info@ntf-gummi.de

Date:  
27-03-2017  
MoVo