

Technical Data Sheet

Semperit Elevatorbelt „UHR*“ Quality

DT130/DT150/DT180

High-Grade, temperature-resistant elevatorbelts with excellent mechanical and thermal stability. Suitable for conveying high-temperature material as used in: cement plants, steel- and iron Industry, foundries, glasshouses and lime kilns

Characteristics	Standard	Unit	630/4	800/5	1000/5
Belt Rating	DIN 22102	mm	EP 630	EP 800	EP 1000
Thickness Cover A	ISO 583	mm	2	2	2
Thickness Cover B	ISO 583	mm	2	2	2
Belt Thickness (+/-1)	ISO 583	Mm	9	10-11	12-13
Belt weight ca.		kg/qm	11,5	14	14,5
Carcass					
Number of plies			4	5	5
Warp (Polyester)					
Weft (Polyamid)					
Cover Rubber					
Tensile strength	ISO37 T2	MPa	min 10	min 10	min 10
Elongation at break	ISO37 T2	%	min 300	min 300	min 300
Abrasion	ISO 4649	mm ³	max 250	max 250	max 250
Hardness (+/-5)	ISO 37 T2	Shore A	65	65	65
Adhesion					
Cover A	ISO 252	N/mm	min.3,5	min.3,5	min.3,5
Cover B	ISO 252	N/mm	min.3,5	min.3,5	min.3,5
Ply to ply	ISO 252	N/mm	min.4,5	min.4,5	min.4,5
Breaking strength of Conveyor belt					
In warp direction	ISO 283	N/mm	min. 630	min. 800	min. 1000
Elongation under reference load (10%)	ISO 283	%	max.2,5	max.2,5	max.2,5

Additional Information

Antistatic acc. ISO 284: < 300 M Ohm
 Maximum conveyed material temperature:
DT130 – 130 C, DT150-150 C, DT180 – 180 C
 *UHR = Ultra Heat Resistant

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