PLASTIC CONVEYOR BELT WITH SILICON COATING –

OVERVIEW

Dimensions / version	Si/1 AS 2303	Si/1 AS 1261	Si/2 AS 2298	Si/2 0:0 AS 2298	Si/2 Si 2298
Fabric	Multifile warp threads (RD) and monofile PES weft threads (TD), anti-static carbon fibre threads	Multifile warp threads (RD) and monofile PES weft threads (TD), anti-static carbon fibre threads	Multifile warp threads (RD) and monofile PED weft threads (TD), anti-static carbon fibres; PU intermediate layer	Multifile warp threads (RD) and monofile PES weft threads (TD), anti-static carbon fibres, silicon intermediate layer	Multifile warp threads (RD) and monofile PES weft threads (TD), anti-static carbon fibres, silicon intermediate layer
Number of plies	1			2	
Colour	Transparent silicon	White		Impregnated	White
Material thickness [mm]	1.1	0.7	1.2	1.3	1.5
Coating of the carrying side		Silicon		Impregnated	Silicon
Coating of the running side		Impregnated			
Weight [g/m²]	1 050	650	1 700	1 300	1 500
Max. product temperature [° C]	- 30/+100	- 25/+95	- 20/+90	- 40/+180	- 40/+180
Max. operating temperature [° C]	- 30/+100	- 25/+95	- 20/+90	- 40/+180	- 40/+180
1 % stretch with N/mm belt tension	3	6	5	4	4
Heat transfer coefficient [W/m²]					
Deflection radius [mm]	2.5	3.0	10.0	15.0	15.0
Anti-static			Yes		
Embossable					
Approved for food processing	FDA/USDA	FDA/USDA, VO EU 10/2011	FDA/USDA, VO EU 10/2011	FDA/USDA	FDA/USDA
Applications	For transporting sticky products, for inclined conveying			Loading belts for ovens, stowage transport	For transporting sticky products, for inclined conveying
Special features	Highly adhesive (blunt) carrying side, outstanding release properties due to special silicon coating	Adhesive (blunt) carrying side, good release properties		Resistant against high temperatures, resistant to a large number of fats and oils	

Legend:
RD = Running direction
TD = Transverse direction
PES = Polyester
PU = Polyurethane