



## Soliflex PRO TPU/20 light blue FG Duplex

Article code 584175

General information	
Product group	Soliflex belts
Market segment	General food, Packaging
Main features	Positive drive, Foodgrade, Abrasion resistant, Oil & grease resistant
Belt support	Slider bed, Rollers, Flat, Troughed

Belt construction	
Material	TPU
Colour	light blue
Topside surface	smooth
Bottomside surface	Matt finish, drive lugs Drive lugs are centered in the belt width; see overleaf for possible configurations

Characteristics	
Foodgrade (FG)	yes, according: EC 1935/2004, EU 10/2011 (and amendments); food contact surface FDA
Antistatic (AS)	no
High conductive (HC)	no
Flame retardant (FR)	no
ATEX approval	no

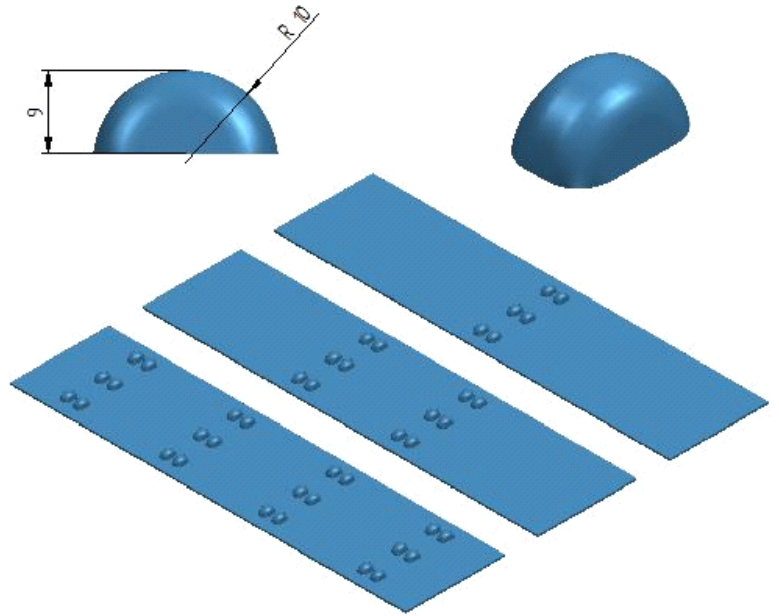
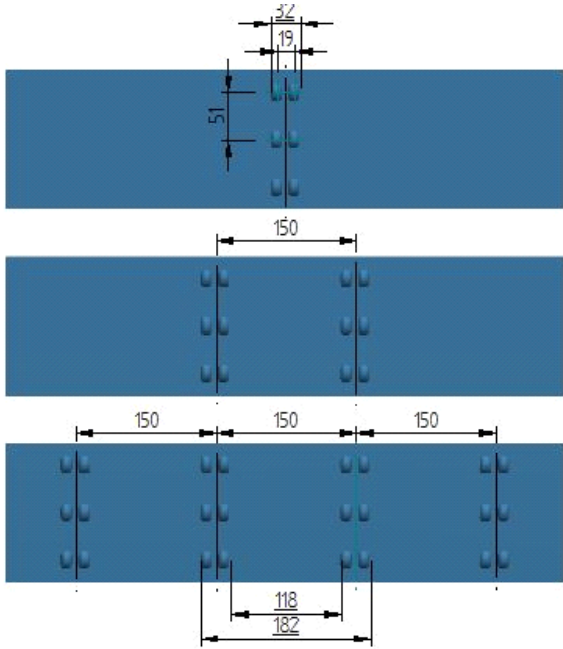
Technical belt data			
Hardness topside	53D	Shore	
Belt thickness	2.00	mm	0.079 in.
Weight	2.41	kg/m <sup>2</sup>	0.494 lbs./ft. <sup>2</sup>
Force at 1% elongation	2.0	N/mm	11.20 lbs./in.
Max. allowable elongation	0.6	%	
Coefficient of friction	0.24	HDPE	0.58 steel
Temperature range	-5 to 70	°C	23 to 158 °F
Temperature (product temperature)	-20 to 70	°C	-4 to °F
Min. pulley diameter flexing	94.7	mm	3.728 in.
Min. pulley diameter back flexing	127.3	mm	5.012 in.
Min. belt width	300.0	mm	11.81 in.
Max. belt width	1200	mm	47.24 in.

Additional information	
The information applies at approx. 20°C (68°F). Stated is the belt temperature. The allowable product temperature may vary.	
Keep the belt tension to a minimum (max. 0.1%) for maximum belt and conveyor life.	
Soliflex PRO belts can be made endless by splicing (max. width 1200 mm) or with a mechanical fastener (max. 1800 mm); TPU belts also with a thermoplastic fastener (max. 1200 mm).	
Soliflex PRO belts up to 1200 mm wide can be made endless using Maestro Soliflex equipment.	
For the best result it is recommended to use the Maestro Cutting Tool for easy and straight cutting.	

See overleaf for all Soliflex PRO configurations

Soliflex PRO configurations	
Use configuration Quatro for belts over 1100 mm wide.	

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