**Technical datasheet** 

## Peflex ESF 10/2 A18+05 transparent M1 AS FG

Article code: SBPE511888



General information	
Product group	Synthetic Belts
Industry segment	Tobacco
Main product feature	Antistatic, Foodgrade
Indication of use	Slider bed, Rollers, Flat, Troughed

Belt construction		
Tension layer		polyester, flexible
Number of plies		2
Top side	material	Peflex, EVA
	finish	smooth, M1 Fine matt finish
	color	transparent
Bottom side	material	Peflex, EVA
	finish	profile, A18 Fine square profile
	color	transparent

Characteristics		
Food Grade (FG)	yes	EC 1935/2004, EU 10/2011; FDA
Antistatic (AS)	yes	ISO 21178
High conductive (HC)	no	
ATEX approval	no	

Technical data						
Hardness	ISO 868	top side	90A	Shore		
Force at 1% elongation (static)	ISO 21181		10	N/mm	57.1	lbs/in.
Thickness	AB method KV.002	total	3.10	mm	0.12	in.
		top cover	0.40	mm	0.02	in.
Weight	AB method KV.004		2.8	kg/m²	0.57	lbs/ft²
Operating temperature	continuous	from / to	-20 / 50	°C	-4 / 122	°F
	short	from / to	-50 / 70	°C	-58 / 158	°F
Minimum pulley diameter	flexing		60	mm	2.36	in.
	backflexing		80	mm	3.15	in.
Manufacturing width	standard		2000	mm	78.74	in.
	maximum		2750	mm	108.27	in.

## **Fabrication**

Hot splicing is always preferable. Glueing can only be done when the belt is exposed to normal temperature and the humidity is not excessive. For the working method, consult the splice information and the equipment literature. Apply the recommended splice as indicated in the seperate information.

## **Additional information**

This sheet contains typical values, which apply to a temperature of approx. 20 °C (68 °F), unless otherwise stated, individual data may differ. We recommend to keep the belt tension to a practical working minimum to maximize the service life of the belt and machine parts.

Always protect belts from sunlight/UV-radiation, avoid temperatures below 10°C and above 40°C, dust and dirt. Store belts in a cool and dry place and if possible in their original packaging.

For details consult 'Storage and handling instructions' or contact our specialist.