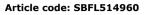
Technical datasheet

General information

Flexam ESF 20/4 00+18 black M1 AS





General information										
Product group	Synthetic Belts	Synthetic Belts								
Main product feature	Antistatic	Antistatic								
Indication of use	Slider bed, Rollers, Fl	Slider bed, Rollers, Flat, Troughed								
Belt construction										
Tension layer		polyester, flexible								
Number of plies		4	4							
Top side	material	Flexam, PVC	Flexam, PVC							
	finish	smooth, M1 Fine	smooth, M1 Fine matt finish							
	color	black	black							
Bottom side	material	Flexam, PVC	Flexam, PVC							
	finish	impregnated fabr	impregnated fabric							
	color	black								
Characteristics										
Food Grade (FG)	no									
Antistatic (AS)	ISO 21178	ISO 21178								
High conductive (HC)	no									
Flame-retardant (FR)	no									
ATEX approval	no									
Technical data										
Hardness	ISO 868	top side	93A Shore							
Force at 1% elongation (static)	ISO 21181		20 N/mm	114.2	lbs/in.					
Thickness	AB method KV.002	total	7.60 mm	0.3	in.					

Thickness	AB method KV.002	total	7.60	mm	0.3	in.
		top cover	1.80	mm	0.07	in.
Weight	AB method KV.004		9	kg/m²	1.84	lbs/ft ²
Operating temperature	continuous	from / to	-15 / 80	°C	5 / 176	°F
	short	from / to	-15 / 100	°C	5 / 212	°F
Minimum pulley diameter	flexing		300	mm	11.81	in.
Manufacturing width	standard		2300	mm	90.55	in.
	maximum		3000	mm	118.11	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.

Because of continuous development, the presented data is subject to alteration. This data replaces that included in previous publications. Ammeraal Beltech excludes any liability for the incorrect use of the above stated information. Subject to the general terms and conditions of sale and delivery, as applied by its operating companies, are all activities performed and services rendered by Ammeraal Beltech.