Technical datasheet

General information

Flexam EF 15/3 10+20 white AS FR FG

Article code: SBFL578620



General Information										
Product group	Synthetic Belts									
Industry segment	Food: Sugar; Chemicals, rubber & plastics: Detergents & cleaners									
Main product feature	Antistatic, Flame retardant, Foodgrade									
Indication of use	Slider bed, Rollers, Fl	Slider bed, Rollers, Flat, Troughed								
Belt construction										
Tension layer		polyester, flexible								
Number of plies		3								
Top side	material	material Flexam, PVC								
	finish	finish smooth, glossy								
	color	white	white							
Bottom side	material	Flexam, PV	Flexam, PVC							
	finish	matt, M2 M	matt, M2 Matt finish							
	color	white	white							
Characteristics										
Food Grade (FG)	yes	FDA	FDA							
Antistatic (AS)	yes	ISO 21178	ISO 21178							
High conductive (HC)	no									
Flame-retardant	yes	ISO 340	ISO 340							
	no									
ATEX approval	yes	ATEX II - K	ATEX II - KEMA 05ATEX2164 U							
Technical data										
Hardness	ISO 868	top side		85A S	hore					
Force at 1% elongation (static)	ISO 21181			15 N	/mm	85.65	lbs/in.			
Thickness	AB method KV.002	total		5.90 m	nm	0.23	in.			

Force at 1% elongation (static)	ISO 21181		15	N/mm	85.65	lbs/in.
Thickness	AB method KV.002	total	5.90	mm	0.23	in.
		top cover	2.00	mm	0.08	in.
Weight	AB method KV.004		7.5	kg/m²	1.54	lbs/ft²
Operating temperature	continuous	from / to	-15 / 80	°C	5 / 176	°F
	short	from / to	-15 / 100	°C	5 / 212	°F
Minimum pulley diameter	flexing		180	mm	7.09	in.
	backflexing		240	mm	9.45	in.
Manufacturing width	standard		1950	mm	76.77	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.

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