Technical datasheet

Flexam EM 10/2 0+A42 green AS FG



Article code: SBFL576942

General information						
Product group	Synthetic Belt	Synthetic Belts				
Industry segment	Paper & print;	Paper & print; Tyre; Container & packaging				
Main product feature	Foodgrade	Foodgrade				
Indication of use	Slider bed, Ro	Slider bed, Rollers, Flat				
						
Belt construction						
Tension layer		polyester, stable				
Number of plies		2				
Top side	material	Flexam, PVC				
	finish	profile, A42 Supergrip wave profile				
	color	green				
Bottom side	material	fabric, polyester				
	finish	bare fabric				
	color	natural				
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	35A	Shore		
Force at 1% elongation (static)	ISO 21181		10	N/mm	57.1	lbs/in.
Thickness	AB method KV.002	total	4.70	mm	0.19	in.
		top cover	2.90	mm	0.11	in.
Weight	AB method KV.004		3.8	kg/m²	0.78	lbs/ft ²
Operating temperature	continuous	from / to	-25 / 80	°C	-13 / 176	°F
	short	from / to	-25 / 100	°C	-13 / 212	°F
Minimum pulley diameter	flexing		40	mm	1.57	in.
	backflexing		50	mm	1.97	in.
Manufacturing width	standard		2020	mm	79.53	in.
	maximum		2050	mm	80.71	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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