Technical datasheet

Flexam EM 8/2 A18+05 black

Article code: SBFL574030



General information				
Product group	Synthetic Belts			
Industry segment	Agriculture; Horticulture			
Indication of use	Slider bed, Rollers, Flat			
Belt construction				
Tension layer		polyester, stable		
Number of plies		2		
Top side	material	Flexam, PVC		
	finish	smooth, glossy		
	color	black		
Bottom side	material	Flexam, PVC		
	finish	profile, A18 Fine square profile		
	color	black		
Characteristics				
Food Grade (FG)	no			
Antistatic (AS)	no			
High conductive (HC)	no			

Technical data

ATEX approval

Flame-retardant (FR)

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Hardness	ISO 868	top side	80A	Shore		
Force at 1% elongation (static)	ISO 21181		8	N/mm	45.68	lbs/in.
Thickness	AB method KV.002	total	2.80	mm	0.11	in.
		top cover	0.50	mm	0.02	in.
Weight	AB method KV.004		3	kg/m²	0.61	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		40	mm	1.57	in.
	backflexing		70	mm	2.76	in.
Manufacturing width	standard		2020	mm	79.53	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.

no

no

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