Technical datasheet

Flexam EF 35/3 00+A50 black

Article code: SBFL570132



General information									
Product group	Synthetic Belts								
Industry segment	Building materials								
Indication of use	Slider bed, Rollers, Fl	Slider bed, Rollers, Flat, Troughed							
Belt construction									
Tension layer		polyester, flexibl	polyester, flexible						
Number of plies		3	3						
Top side	material	Flexam, PVC	Flexam, PVC						
	finish	profile, A50 Wav	profile, A50 Wavegrip profile						
	color	black							
Bottom side	material	Ropanol, PUR	Ropanol, PUR						
	finish	impregnated fab	ric						
	color	transparent							
Characteristics									
Food Grade (FG)	no								
Antistatic (AS)	no								
High conductive (HC)	no								
Flame-retardant (FR)	no								
ATEX approval	no								
Technical data									
Hardness	ISO 868	top side		Shore					
Force at 1% elongation (static)	ISO 21181			N/mm	199.86				
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Force at 1% elongation (static)	ISO 21181		35	N/mm	199.86	lbs/in.
Thickness	AB method KV.002	total	7.3	mm	0.29	in.
		top cover	3.2	mm	0.13	in.
Weight	AB method KV.004		7.9	kg/m²	1.62	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		350	mm	13.78	in.
	backflexing		450	mm	17.72	in.
Manufacturing width	standard		2000	mm	78.74	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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