Technical datasheet

## Flexam EF 10/2 A18+A42 grey

Article code: SBFL576162



General information								
Product group	Synthetic Belts							
Industry segment	Logistics: Distribution & warehousing							
Indication of use	Slider bed, Rollers, Flat, Troughed							
Belt construction								
Tension layer		polyester, flexible						
Number of plies		2	2					
Top side	material	Flexam, PVC	Flexam, PVC					
	finish	profile, A42 Sup	profile, A42 Supergrip wave profile					
	color	grey	grey					
Bottom side	material	Flexam, PVC	Flexam, PVC					
	finish	profile, A18 Fine	profile, A18 Fine square profile					
	color	grey	grey					
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	35A Shore					
Force at 1% elongation (static)	ISO 21181		10 N/mm	57.1 lbs/in.				

naruness	150 868	top side	SSA	Shore		
Force at 1% elongation (static)	ISO 21181		10	N/mm	57.1	lbs/in.
Thickness	AB method KV.002	total	5.20	mm	0.2	in.
		top cover	2.90	mm	0.11	in.
Weight	AB method KV.004		4.4	kg/m²	0.9	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		80	mm	3.15	in.
	backflexing		140	mm	5.51	in.
Manufacturing width	standard		2020	mm	79.53	in.
	maximum		2020	mm	79.53	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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