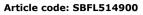
Technical datasheet

Concerned information

Flexam MPLY 15/1 00+18 black M2





General information											
Product group	Synthetic Belts	Synthetic Belts									
Industry segment	Logistics	Logistics									
Indication of use	Slider bed, Rollers, Fl	Slider bed, Rollers, Flat, Troughed									
Belt construction											
Tension layer		polyester, flexible									
Number of plies		1									
Top side	material	material Flexam, PVC									
	finish	inish smooth, M2 Matt finish									
	color	br black									
Bottom side	material	Flexam, PVC									
	finish	finish impregnated fabric									
	color	black									
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	80A	Shore							
Force at 1% elongation (static)	ISO 21181		15	N/mm	85.65	lbs/in.					
					0.16						

Force at 1% elongation (static)	150 21181		15	N/mm	85.65	ibs/in.
Thickness	AB method KV.002	total	4	mm	0.16	in.
		top cover	1.8	mm	0.07	in.
Weight	AB method KV.004		5	kg/m²	1.02	lbs/ft ²
Operating temperature	continuous	from / to	-15 / 80	°C	5 / 176	°F
	short	from / to	-15 / 100	°C	5 / 212	°F
Minimum pulley diameter	flexing		100	mm	3.94	in.
	backflexing		130	mm	5.12	in.
Manufacturing width	standard		1600	mm	62.99	in.
	maximum		2000	mm	78.74	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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