Technical datasheet

Flexam SW100 00+A32 black CR



Article code: SBAS589768

General information										
Product group	Synthetic Belts									
Industry segment	Logistics									
Main product feature	Impact resistant, Low friction back side, Cold resistant									
Indication of use	Slider bed, Rollers, Flat									
Belt construction										
Tension layer		polyester spun, flexible								
Number of plies		1								
Top side										
	finish	profile, A32 Fine rib profile black								
	color									
Bottom side	material	Flexam, PVC								
	finish	Brushed								
	color	black								
Characteristics										
Food Grade (FG)	no									
Antistatic (AS)	no									
High conductive (HC)	no									
ATEX approval	no									
Technical data										
Hardness	ISO 868		top side	55A	Shore					
Force at 1% elongation (static)	ISO 21181			16	N/mm	91.36	lbs/in.			
Thickness	AB method KV.002		total	3.80	mm	0.15	in.			

AB method KV.002	total	3.80	mm	0.15	in.
	top cover	0.80	mm	0.03	in.
AB method KV.004		3.8	kg/m²	0.78	lbs/ft ²
continuous	from / to	-25 / 80	°C	-13 / 176	°F
short	from / to	-30 / 100	°C	-22 / 212	°F
flexing		60	mm	2.36	in.
backflexing		90	mm	3.54	in.
standard		2400	mm	94.49	in.
maximum		2400	mm	94.49	in.
	AB method KV.004 continuous short flexing backflexing standard	AB method KV.004 continuous from / to short flexing backflexing standard	top cover0.80AB method KV.0043.8continuousfrom / toshortfrom / toflexing-30 / 100backflexing90standard2400	top cover0.80mmAB method KV.0043.8kg/m²continuousfrom / to-25 / 80°Cshortfrom / to-30 / 100°Cflexing60mmbackflexing90mmstandard2400mm	top cover 0.80 mm 0.03 AB method KV.004 3.8 kg/m² 0.78 continuous from / to -25 / 80 °C -13 / 176 short from / to -30 / 100 °C -22 / 212 flexing 60 mm 3.54 backflexing 90 mm 3.54 standard 2400 mm 94.49

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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