Technical datasheet

Constal informatio

PVC 150 FS x FS black

Article code: SBAS040202



General Information									
Product group	Synthetic Belts	Synthetic Belts							
Indication of use	Flat, Rollers, Troughe	Flat, Rollers, Troughed, Slider bed							
Belt construction									
Tension layer		polyester, flexible	:						
Number of plies		1							
Top side	material	PVC, PVC							
	finish	impregnated fabri	ic						
	color	black	black						
Bottom side	material	PVC, PVC							
	finish	impregnated fabri	ic						
	color	black							
Characteristics									
Food Grade (FG)	no								
Antistatic (AS)	no								
High conductive (HC)	no								
Flame-retardant (FR)	no								
ATEX approval	no								
Technical data									
Force at 1% elongation (static)	ISO 21181		17 N/mm	97.07 lbs/in.					
Thickness	AB method KV 002	total	3 43 mm	0.14 in					

Force at 1% elongation (static)	150 21181		17	N/mm	97.07	lbs/in.
Thickness	AB method KV.002	total	3.43	mm	0.14	in.
Weight	AB method KV.004		2.43	kg/m²	0.5	lbs/ft²
Operating temperature	continuous	from / to	-12 / 82	°C	10.4 / 179.6	°F
	short	from / to	-12 / 82	°C	10.4 / 179.6	°F
	backflexing		63.5	mm	2.5	in.
Manufacturing width	standard		1828.8	mm	72	in.
	maximum		1828.8	mm	72	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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