Technical datasheet

Ropanyl EM/K 50/3 00+04 black M1 AS /Amprint U350



Article code: SBMD000242

General information							
Product group	Synthetic Belts	Synthetic Belts					
Industry segment	Textile; Leather; Wood	Textile; Leather; Wood					
Main product feature	Antistatic, Abrasion resista	Antistatic, Abrasion resistant					
Indication of use	Slider bed, Rollers, Flat	Slider bed, Rollers, Flat					
Belt construction							
Tension layer		polyester/aramid, stable					
Number of plies		3					
Top side	material	naterial Ropanyl, PU					
	finish	matt, M1 Fine ma	matt, M1 Fine matt finish				
	color	black	black				
Bottom side	material	Ropanol, PU	Ropanol, PU				
	finish	impregnated fabr	impregnated fabric				
Characteristics							
Antistatic (AS)	yes						
Technical data							
Hardness	ISO 868	top side		Shore			
Force at 1% elongation (static)	ISO 21181			N/mm	285.51		
Thickness	AB method KV.002	total	2.45		0.1		
		top cover	0.40	mm	0.02	in.	
Weight	AB method KV.004			kg/m²		lbs/ft²	
Operating temperature	continuous	from / to	-20 / 90	°C	-4 / 194	°F	
	short	from / to	-30 / 110	°C	-22 / 230	°F	
Minimum pulley diameter	flexing		130	mm	5.12	in.	
	backflexing		100	mm	3.94	in.	
Manufacturing width	standard		3000	mm	118.11	in.	
	maximum		3000	mm	118.11	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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