Technical datasheet

General information

Ropanyl EC/M 8/2 00+A22 black AS HC LE

Article code: SBRY578372



Product group	Synthetic Belts	Synthetic Belts			
Industry segment	Sports & leisure: Treadmills				
Main product feature	Antistatic, High conductivity, Heat resistant, Energy saving				
Indication of use	Slider bed, Flat	Slider bed, Flat			
Belt construction					
Tension layer		polyester/cotton, stable			
Number of plies		2	2		
Top side	material	Ropanyl, TPU	Ropanyl, TPU		
	finish	profile, A22 Sa	profile, A22 Sandblast (medium) profile		
	color	black	black		
	finish	impregnated fa	impregnated fabric		
	color	natural	natural		
Characteristics					
Food Grade (FG)	no				
Antistatic (AS)	yes	ISO 21178			
High conductive (HC)	yes	ISO 284			
Flame-retardant (FR)	no				
ATEX approval	no				
Technical data					
Hardness	ISO 868	top side	85A Shore		
Force at 1% elongation (static)	ISO 21181		8 N/mm	45.68 lbs/in.	
Thickness	AB method KV.002	total	1.9 mm	0.07 in.	
		top cover	0.6 mm	0.02 in.	
Weight	AB method KV.004		1.9 kg/m ²	0.39 lbs/ft ²	
Operating temperature	continuous	from / to	-20 / 70 °C	-4/158 °F	
	short	from / to	-30 / 110 °C	-22 / 230 °F	
Minimum pulley diameter	flexing		35 mm	1.38 in.	
	backflexing		50 mm	1.97 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.

1700 mm

2050 mm

66.93 in.

80.71 in.

Additional information

Manufacturing width

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.

standard

maximum

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