Technical datasheet

Ropanyl EM 12/2 00+05 black M1 AS / Amprint U210



Article code: SBRY579149

General information									
Product group	Synthetic Belts								
Industry segment	Textile; Paper & p	Textile; Paper & print							
Main product feature	Antistatic	Antistatic							
Indication of use	Slider bed, Rollers	Slider bed, Rollers, Flat							
Belt construction									
Tension layer		polyester, stable							
Number of plies		2	2						
Top side	material	Ropanyl, TPU	Ropanyl, TPU						
	finish	smooth, M1 Fine	smooth, M1 Fine matt finish						
	color	black	black						
Bottom side	material	Ropanol, TPU							
	finish	finish impregnated fabric							
	color	transparent	transparent						
Characteristics									
Food Grade (FG)	no								
Antistatic (AS)	yes	ISO 21178							
High conductive (HC)	no								
Flame-retardant (FR)	no								
ATEX approval	no								
Technical data									
Hardness	ISO 868	top side	93A Shore						
1101 011035	130 000	top side	JA SHOLE						

Hardness	ISO 868	top side	93A	Shore		
Force at 1% elongation (static)	ISO 21181		12	N/mm	68.52	lbs/in.
Thickness	AB method KV.002	total	2.25	mm	0.09	in.
		top cover	0.5	mm	0.02	in.
Weight	AB method KV.004		2.58	kg/m²	0.53	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		90	mm	3.54	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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