Technical datasheet

Silam ESM/F 15/3 00+01 red AS

Article code: SBSI514381



General information						
Product group	Synthetic Belts					
Industry segment	Tyre					
Main product feature	Antistatic, Non-stick					
Indication of use	Slider bed, Rollers, F	Slider bed, Rollers, Flat				
Belt construction						
Tension layer		polyester, stable				
Number of plies		3				
Top side	material	Silam, SI				
	finish	smooth, glossy				
	color	red				
Bottom side	material	Ropanol, TPU				
	finish	impregnated fabric				
	color	transparent				
Characteristics						
Food Grade (FG)	no					
Antistatic (AS)	yes	ISO 21178				
High conductive (HC)	no					
ATEX approval	no					
Technical data						

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Hardness	ISO 868	top side	40A	Shore		
Force at 1% elongation (static)	ISO 21181		15	N/mm	85.65	lbs/in.
Thickness	AB method KV.002	total	4.00	mm	0.16	in.
		top cover	0.10	mm	0	in.
Weight	AB method KV.004		4.6	kg/m²	0.94	lbs/ft ²
Operating temperature	continuous	from / to	-15 / 90	°C	5 / 194	°F
	short	from / to	-15 / 110	°C	5 / 230	°F
Minimum pulley diameter	flexing		90	mm	3.54	in.
	backflexing		90	mm	3.54	in.
Manufacturing width	standard		2500	mm	98.43	in.
	maximum		2850	mm	112.2	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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