Technical datasheet

Ropanol EX 12/2 0+00 transparent AS FG

Article code: SBR0575060



General Information	
Product group	Synthetic Belts
Industry segment	Logistics
Main product feature	Antistatic, Foodgrade, Low noise
Indication of use	Slider bed, Rollers, Flat

Belt construction

2010 0011001 0011011		
Tension layer		polyester, stable
Number of plies		2
Top side	material	Ropanol, PUR
	finish	impregnated fabric
	color	transparent
Bottom side	material	fabric, polyester
	finish	bare fabric
	color	natural
Characteristics		

enaracteristics		
Food Grade (FG)	yes	EC 1935/2004, EU 10/2011; FDA
Antistatic (AS)	yes	ISO 21178
High conductive (HC)	no	
Flame-retardant (FR)	no	
ATEX approval	no	

Technical data

Force at 1% elongation (static)ISO 21181IndexIndexN/mm68.52Iso/inThicknessAB method KV.002total1.0mm0.07inWeightAB method KV.004top cover0.00mm01.0WeightAB method KV.004Ing/m²0.037Iso/itCoefficient of frictionbottom against steeldynamic0.15InInInternationaltop against steeldynamic0.15InInInInternationaltop against steeldynamic0.15InInInInInternationaltop against steelfrom / too1.57.80InInInInInInternationalform / too-157.80°C57.176°FIn<	al data						
WeightAB method KV.004top cover0.00mm0in.WeightAB method KV.004ottom against steeldynamic0.15kg/m²0.37lbs/ft²Coefficient of frictionbottom against steeldynamic0.150.15011 <th>1% elongation (static)</th> <th>ISO 21181</th> <th></th> <th>12</th> <th>N/mm</th> <th>68.52</th> <th>lbs/in.</th>	1% elongation (static)	ISO 21181		12	N/mm	68.52	lbs/in.
WeightAB method KV.004Instant of the second s	5S /	AB method KV.002	total	1.70	mm	0.07	in.
Coefficient of frictionbottom against steeldynamic0.15Image: Construction of the statictop against steeldynamic0.25Image: Construction of the static0.4Operating temperaturecontinuousfrom / to-15 / 80C5 / 176FMinimum pulley diameterflexingImage: Construction of the static0.02Image: Construction of the static0.17Image: Construction of the staticImage: Construction of the staticOperating temperaturecontinuousfrom / to-15 / 80C5 / 176FMinimum pulley diameterflexingImage: Construction of the static20mm0.79in.			top cover	0.00	mm	0	in.
AddressStatic0.17top against steeldynamic0.25static0.4Operating temperaturecontinuousfrom / toshortfrom / to-15 / 80°Cshortfrom / to-15 / 100°CMinimum pulley diameterflexingImage: Static0.01	/	AB method KV.004		1.8	kg/m²	0.37	lbs/ft²
top against steel dynamic 0.25 static 0.4 Operating temperature continuous from / to -15 / 80 °C 5 / 176 °F Minimum pulley diameter flexing Image: Static diameter mm 0.79 in.	ent of friction	bottom against steel	dynamic	0.15			
Minimum pulley diameter Minimum pulley			static	0.17			
Operating temperature continuous from / to -15 / 80 °C 5 / 176 °F short from / to -15 / 100 °C 5 / 212 °F Minimum pulley diameter flexing Continuous 100 °C 5 / 212 °F	t	top against steel	dynamic	0.25			
short from / to -15 / 100 °C 5 / 212 °F Minimum pulley diameter flexing 20 mm 0.79 in.			static	0.4			
Minimum pulley diameterflexing20mm0.79in.	ng temperature	continuous	from / to	-15 / 80	°C	5 / 176	°F
	2	short	from / to	-15 / 100	°C	5 / 212	°F
backflexing 20 mm 0.79 in.	n pulley diameter f	flexing		20	mm	0.79	in.
	ł	backflexing		20	mm	0.79	in.
Manufacturing width standard 2000 mm 78.74 in.	turing width	standard		2000	mm	78.74	in.
maximum 2040 mm 80.31 in.	I	maximum		2040	mm	80.31	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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