Technical datasheet

Ropanyl EX 10/2 0+A32 black AS FR NL

Article code: SBRY579382



General information							
Product group	Synthetic Belts	Synthetic Belts					
Industry segment	Airports; Logistics;	Airports; Logistics; Postal automation					
Main product feature	Antistatic, Flame re	Antistatic, Flame retardant, Low noise, Non logo					
Indication of use	Slider bed, Rollers,	Slider bed, Rollers, Flat					
Belt construction							
Tension layer		polyester, stable	polyester, stable				
Number of plies		2	2				
Top side	material	Ropanyl, TPU	Ropanyl, TPU				
	finish	profile, A32 Fine	profile, A32 Fine rib profile				
	color	black					
Bottom side	material	fabric, polyester	fabric, polyester				
	finish	bare fabric					
	color	natural					
Characteristics							
Food Grade (FG)	no						
Antistatic (AS)	yes	ISO 21178					
High conductive (HC)	no						
Flame-retardant	yes	ISO 340					
	no						
ATEX approval	no						
Technical data							
Hardness	ISO 868	top side	76A Shore				

ISO 868	top side	76A	Shore		
ISO 21181		10	N/mm	57.1	lbs/in.
AB method KV.002	total	3.00	mm	0.12	in.
	top cover	1.20	mm	0.05	in.
AB method KV.004		3.2	kg/m²	0.66	lbs/ft²
continuous	from / to	-20 / 90	°C	-4 / 194	°F
short	from / to	-30 / 110	°C	-22 / 230	°F
flexing		70	mm	2.76	in.
backflexing		110	mm	4.33	in.
standard		2020	mm	79.53	in.
maximum		2000	mm	78.74	in.
	AB method KV.002 AB method KV.004 continuous short flexing backflexing standard	AB method KV.002 total top cover AB method KV.004 from / to short flexing backflexing standard	AB method KV.002 total 3.00 top cover 1.20 AB method KV.004 7.20 continuous from / to -20 / 90 short form / to -30 / 110 flexing 7.0 backflexing 1.10 standard 2.020	AB method KV.002 total 3.00 mm top cover 1.20 mm AB method KV.004 rom / to 2.0 / 90 °C short from / to -30 / 110 °C flexing AB method KV.004 rom / to 2.00 mm backflexing from / to 2.00 mm	AB method KV.002 total 3.00 mm 0.12 top cover 1.20 mm 0.05 AB method KV.004 mm 0.05 AB method KV.004 rom / to 3.2 kg/m² 0.66 continuous from / to -20 / 90 °C -4 / 194 short from / to -30 / 110 °C -22 / 230 flexing fexing 110 mm 4.33 standard v 2020 mm 79.53

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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