Technical datasheet

Nonex EF 5/1 A2+05 black



Article code: SBRP0581P1

Product group Synthetic Belts Industry segment Recycling Main product feature Oil & grease resistant Indication of use Elat. Rollers. Slider bed. Troughed	General information	
Main product feature Oil & grease resistant	Product group	Synthetic Belts
	Industry segment	Recycling
Indication of use Flat. Rollers. Slider bed. Troughed	Main product feature	Oil & grease resistant
	Indication of use	Flat, Rollers, Slider bed, Troughed

Belt construction

Tension layer		polyester, flexible
Number of plies		1
Top side	material	Nonex, PVC
	finish	smooth, glossy
	color	black
Bottom side	material	Flexam, PVC
	finish	profile, A2 Fine rectangle profile
	color	black
Characteristics		

Food Grade (FG)	no	
Antistatic (AS)	no	
High conductive (HC)	no	
Flame-retardant (FR)	no	
ATEX approval	no	

Technical data Hardness ISO 868 top side 80A Shore Force at 1% elongation (static) ISO 21181 5 N/mm 28.55 lbs/in. Thickness AB method KV.002 0.07 in. total 1.80 mm top cover 0.50 mm 0.02 in. 0.37 lbs/ft² Weight AB method KV.004 1.8 kg/m² **Operating temperature** continuous from / to -15 / 80 °C 5/176 °F short from / to -15 / 100 °C 5/212 °F Minimum pulley diameter flexing 35 mm 1.38 in. backflexing 50 mm 1.97 in. Manufacturing width standard 2020 mm 79.53 in. maximum 2020 mm 79.53 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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