Technical datasheet

Nitrile ES 8/3 01+C57 white FG



Article code: LWNI560420

General information							
Product group	Light Weight Rubber						
Industry segment	Fruit & vegetable						
Indication of use	Flat, Rollers, Troughed, Slider bed						
Belt construction							
Tension layer		RFL polyester, flexible					
Number of plies		3					
Top side	material	Nitrile, Nitr	Nitrile, Nitrile				
	finish	profile, C57	profile, C57 Neetgrip profile				
	color	white	white				
Bottom side	material	Nitrile, poly	Nitrile, polyester				
	finish	smooth	smooth				
	color	white					
Characteristics							
Food Grade (FG)	yes	FDA					
Technical data							
Hardness	ISO 868		top side	62A	Shore		
Force at 1% elongation	ISO 21181				N/mm	45.68	lbs/in.
Thickness	AB method KV.0	AB method KV.002		3.4	mm	0.13	in.
			top cover	1.0	mm	0.04	in.
Weight	AB method KV.0	AB method KV.004		3.7	kg/m²	0.76	lbs/ft²
Operating temperature	continuous	continuous		-18 / 121	°C	-0.4 / 249.8	°F
	short	short		-18 / 121	°C	-0.4 / 249.8	°F
Minimum pulley diameter	flexing	flexing		65	mm	2.56	in.
	backflexing	backflexing		130	mm	5.12	in.
Manufacturing width	standard	standard		1829	mm	72.01	in.
	maximum	maximum		1829	mm	72.01	in.

Fabrication

Vulcanizing is always preferable. Cold splicing 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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