Technical datasheet

General information

Nitrile ES 5/2 01+C57 white FG

Article code: LWNI560422



General Information						
Product group	Light Weight Rubber					
Indication of use	Flat, Rollers, Troughed, Slider bed					
Belt construction						
Tension layer		RFL polyester, flexible				
Number of plies		2				
Top side	material	Nitrile, Nitrile				
	finish	profile, C57 Neetgrip profile				
	color	white				
Bottom side	material	Nitrile, polyester				
	finish	smooth				
	color	white				
Characteristics						
Food Grade (FG)	yes	FDA				
Technical data						
Hardness	ISO 868	top side	62A	Shore		
Force at 1% elongation	ISO 21181		5	N/mm	28.55	lbs/in
Thickness	AB method KV.002	belt	2.7	mm	0.11	in.
		top cover	1	mm	0.04	in.
Weight	AB method KV.004		2.9	kg/m²	0.59	lbs/ft [:]
Operating temperature	continuous	from / to	-18 / 121	°C	-0.4 / 249.8	°F
	short	from / to	-18 / 121	°C	-0.4 / 249.8	°F
Manufacturing width	standard		1829	mm	72.01	in.
	maximum		1829	mm	72.01	in.
Fabrication						
	Vulcanizing is always prefeted temperature and the humit	erable. Cold splicing can only be	done when th	e belt is e	xposed to norma	al
		consult the splice information ar	id the equipme	ont literatu	ire Apply the	

For the working method, consult the splice information and the equipment literature. Apply the recommended splice as indicated in the seperate information.

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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