Technical datasheet

## Nitrile ES 5/2 01+C57 white FG

Article code: LWNI560422



General information							
Product group	Light Weight Rubber						
Industry segment	Fruit & vegetable	Fruit & vegetable					
Indication of use	Flat, Rollers, Troughe	Flat, Rollers, Troughed, Slider bed					
Belt construction							
Tension layer	RFL polyester, flexible						
Number of plies		2	2				
Top side	material	Nitrile, Nitrile	Nitrile, Nitrile				
	finish	finish profile, C57 Neetgrip profile					
	color	white	white				
Bottom side	material	Nitrile, polyest	Nitrile, polyester				
	finish	smooth	smooth				
	color	white	white				
Characteristics							
Food Grade (FG)	yes	FDA					
Technical data							
	100.000	ton side	624	Chana			
Hardness	ISO 868	top side		Shore	20 55	11 <i>(</i> 1	
Force at 1% elongation	ISO 21181			N/mm		lbs/in.	
Thickness	AB method KV.002	belt		mm	0.11		
		top cover		mm	0.04		
Weight	AB method KV.004	for an I ha		kg/m²		lbs/ft <sup>2</sup>	
Operating temperature	continuous	from / to	-18 / 121		-0.4 / 249.8		
	short	from / to	-18 / 121		-0.4 / 249.8		
Minimum pulley diameter	flexing			mm	1.57		
	backflexing			mm	3.15		
Manufacturing width	standard		1829		72.01		
	maximum		1829	mm	72.01	ın.	

## 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.

Because of continuous development, the presented data is subject to alteration. This data replaces that included in previous publications. Ammeraal Beltech excludes any liability for the incorrect use of the above stated information. Subject to the general terms and conditions of sale and delivery, as applied by its operating companies, are all activities performed and services rendered by Ammeraal Beltech.