Technical datasheet

General information

Nitrile EP 13/3 01+C71 brown

Article code: LWNI560423



Product group	Light Weight Rubber						
Indication of use	Flat, Rollers, Troughe	Flat, Rollers, Troughed, Slider bed					
Belt construction							
Tension layer		RFL polyester/nylon, flexible					
Number of plies		3	3				
Top side	material	Nitrile, Nitrile	Nitrile, Nitrile				
	finish	profile, C71 Che	profile, C71 Chemdridge profile				
	color	brown	brown				
Bottom side	material	Nitrile, polyeste	Nitrile, polyester/nylon				
	finish	smooth	smooth				
	color	brown					
Characteristics							
Food Grade (FG)	no						
Technical data							
Hardness	ISO 868	top side	50A	Shore			
Force at 1% elongation	ISO 21181		13	N/mm	74.23	lbs/in.	
Thickness	AB method KV.002	belt	8.8	mm	0.35	in.	
		top cover	4.1	mm	0.16	in.	
Weight	AB method KV.004		5.8	kg/m²	1.19	lbs/ft²	
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		1524	mm	60	in.	
	maximum		1524	mm	60	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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