Technical datasheet

## Nitrile EC 3/3 01+01 brown CR HR

Article code: LWNI560417



General information	
Product group	Light Weight Rubber
Main product feature	Cold resistant, Heat resistant
Indication of use	Flat, Rollers, Troughed, Slider bed

Belt construction		
Tension layer		polyester/cotton, flexible
Number of plies		3
Top side	material	Nitrile, Nitrile
	finish	impregnated
	color	brown
Bottom side	material	Nitrile, polyester/cotton
	finish	impregnated
	color	brown

Characteristics		
Food Grade (FG)	no	

Technical data						
Hardness	ISO 868	top side	55A	Shore		
Force at 1% elongation	ISO 21181		3	N/mm	17.13	lbs/in.
Thickness	AB method KV.002	belt	1.7	mm	0.07	in.
Weight	AB method KV.004		2.1	kg/m²	0.43	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
Minimum pulley diameter	flexing		25.4	mm	1	in.
	backflexing		25.4	mm	1	in.
Manufacturing width	standard		1829	mm	72.01	in.
	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.

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## **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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