

# Flexam EF 45/3 12+P20 petrol AS NL

Article code: SBFL511555

## General information

<b>Product group</b>	Synthetic Belts
<b>Industry segment</b>	Building materials: Stone & ceramics, Bricks & tiles
<b>Main product feature</b>	Antistatic, Non logo
<b>Indication of use</b>	Slider bed, Rollers, Flat, Troughed

## Belt construction

<b>Tension layer</b>		polyester, flexible
<b>Number of plies</b>		3
<b>Top side</b>	<b>material</b>	Flexam, PVC
	<b>finish</b>	profile, P20 Big nipple top profile 27
	<b>color</b>	petrol
<b>Bottom side</b>	<b>material</b>	Flexam, PVC
	<b>finish</b>	matt, M2 Matt finish
	<b>color</b>	petrol

## Characteristics

<b>Food Grade (FG)</b>	no	
<b>Antistatic (AS)</b>	yes	ISO 21178
<b>High conductive (HC)</b>	no	
<b>Flame-retardant (FR)</b>	no	
<b>ATEX approval</b>	no	

## Technical data

<b>Hardness</b>	ISO 868	top side	70A Shore	
<b>Force at 1% elongation (static)</b>	ISO 21181		45 N/mm	256.96 lbs/in.
<b>Thickness</b>	AB method KV.002	total	9.2 mm	0.36 in.
		top cover	1.2 mm	0.05 in.
<b>Weight</b>	AB method KV.004		8.6 kg/m <sup>2</sup>	1.76 lbs/ft <sup>2</sup>
<b>Operating temperature</b>	continuous	from / to	-15 / 80 °C	5 / 176 °F
	short	from / to	-15 / 100 °C	5 / 212 °F
<b>Minimum pulley diameter</b>	flexing		350 mm	13.78 in.
	backflexing		500 mm	19.69 in.
<b>Manufacturing width</b>	standard		1200 mm	47.24 in.
	maximum		1600 mm	62.99 in.

## Fabrication

Hot splicing is always preferable. Glueing 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 separate 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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