

Flexam EF 45/3 12+P20 petrol AS NL

Article code: SBFL511555

General information

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

Belt construction

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

Characteristics

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

Technical data

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