

Flexam EF 45/2 R14+19 black M1 AS FR

Article code: SBMD000254

General information

Product group Synthetic Belts

Belt construction

Number of plies		2
Top side	material	PVC, PVC
	finish	profile, M1 Fine matt finish
	color	black
Bottom side	material	Flexam, PVC
	finish	profile, R14 light fabric
	color	black

Characteristics

Food Grade (FG)	no
Antistatic (AS)	yes
ATEX approval	no

Technical data

Hardness	ISO 868	top side	68A Shore	
Force at 1% elongation (static)	ISO 21181		45 N/mm	256.96 lbs/in.
Thickness	AB method KV.002	total	6.40 mm	0.25 in.
		top cover	1.9 mm	0.07 in.
Weight	AB method KV.004		7.5 kg/m ²	1.54 lbs/ft ²
Operating temperature	continuous	from / to	-10 / 70 °C	14 / 158 °F
	short	from / to	-15 / 80 °C	5 / 176 °F
Minimum pulley diameter	flexing		290 mm	11.42 in.
	backflexing		330 mm	12.99 in.
Manufacturing width	standard		2200 mm	86.61 in.
	maximum		2200 mm	86.61 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.