Technical datasheet

Fabric EM 20/3 00+00 (SBR) black AS FR / 4mm

Article code: LWFA560293

General information

Product group	Light Weight Rubber
Industry segment	Logistics: Distribution & warehousing
Main product feature	Antistatic, Flame retardant, Cold resistant, Heat resistant
Indication of use	Flat, Rollers, Troughed, Slider bed

Belt construction

Tension layer		Monofilament RFL TPE/RFL TPE, flexible
Number of plies		3
Top side	**material**	fabric, polyester
	finish	impregnated
	color	black
Bottom side	**material**	fabric, polyester
	finish	impregnated
	color	red

Characteristics

Food Grade (FG)	no	
Antistatic (AS)	yes	
Flame-retardant (FR)	yes	yes

Technical data

Force at 1% elongation	ISO 21181		20	N/mm	114.2	lbs/in.
Thickness	AB method KV.002	belt	4.0	mm	0.16	in.
Weight	AB method KV.004		5.0	kg/m²	1.02	lbs/ft²
Operating temperature	continuous	from / to	-40 / 121	°C	-40 / 249.8	°F
	short	from / to	-40 / 121	°C	-40 / 249.8	°F
Minimum pulley diameter	flexing		101	mm	3.98	in.
	backflexing		101	mm	3.98	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.

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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