

Flexam EF 70/4 00+R9 anthracite

Article code: SBMD000280

General information

Product group	Synthetic Belts
Industry segment	Building materials: Stone & ceramics
Main product feature	High grip
Indication of use	Flat, Rollers, Slider bed, Troughed

Belt construction

Number of plies		4
Top side	material	Flexam, PVC
	finish	profile, R9 staggerd sawtooth (H3)
	color	anthracite
Bottom side	material	Ropanol, PUR
	finish	impregnated fabric
	color	green

Characteristics

Food Grade (FG)	no
Antistatic (AS)	no

Technical data

Hardness	ISO 868	top side	46A Shore	
Force at 1% elongation (static)	ISO 21181		70 N/mm	399.71 lbs/in.
Thickness	AB method KV.002	total	13.60 mm	0.54 in.
		top cover	7.35 mm	0.29 in.
Weight	AB method KV.004		11.2 kg/m ²	2.29 lbs/ft ²
Operating temperature	continuous	from / to	-10 / 70 °C	14 / 158 °F
	short	from / to	-10 / 70 °C	14 / 158 °F
Minimum pulley diameter	flexing		450 mm	17.72 in.
	backflexing		500 mm	19.69 in.
Manufacturing width	standard		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.