

Excon EF 30/3 07+20 dark green AS FR FG

Article code: SBMD000075

General information

Product group	Synthetic Belts
Industry segment	General industry
Main product feature	Antistatic, Flame retardant, Abrasion resistant, Oil & grease resistant
Indication of use	Flat, Rollers, Troughed

Belt construction

Tension layer		polyester, flexible
Number of plies		3
Top side	material	PVCEXCON, PVC
	finish	smooth, glossy
	color	dark green
Bottom side	material	PVCEXCON, PVC
	finish	smooth, glossy
	color	dark green

Characteristics

Food Grade (FG)	yes	EC 1935/2004, EU 10/2011; FDA
Antistatic (AS)	yes	ISO 21178
Flame-retardant (FR)	yes	ISO 340
ATEX approval	2	

Technical data

Hardness	ISO 868	top side	75A Shore	
Force at 1% elongation (static)	ISO 21181		30 N/mm	171.3 lbs/in.
Thickness	AB method KV.002	total	6.20 mm	0.24 in.
		top cover	2.00 mm	0.08 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		250 mm	9.84 in.
	backflexing		300 mm	11.81 in.
Manufacturing width	standard		2400 mm	94.49 in.
	maximum		2400 mm	94.49 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.