Technical datasheet

Ropanol EC/M 8/2 00+00 (PU) black AS HC LE

Article code: SBRO578360

Ammeraal Beltech
Innovation & Service in Belting

General information

Product group	Synthetic Belts
Industry segment	Sports & leisure: Treadmills
Main product feature	Antistatic, High conductivity, Heat resistant, Energy saving
Indication of use	Slider bed, Flat

Belt construction

Tension layer		polyester/cotton, stable
Number of plies		2
Top side	**material**	Ropanol, PUR
	finish	impregnated fabric
	color	black
	finish	impregnated fabric
	color	natural

Characteristics

Food Grade (FG)	no	
Antistatic (AS)	yes	ISO 21178
High conductive (HC)	yes	ISO 284
Flame-retardant (FR)	no	
ATEX approval	no	

Technical data

Force at 1% elongation (static)	ISO 21181			8	N/mm	45.68	lbs/in.
Thickness	AB method KV.002	total		1.60	mm	0.06	in.
		top cover		0.00	mm	0	in.
Weight	AB method KV.004			1.3	kg/m²	0.27	lbs/ft²
Operating temperature		continuous	from / to	-20 / 70	°C	-4 / 158	°F
		short	from / to	-30 / 110	°C	-22 / 230	°F
Minimum pulley diameter		flexing		35	mm	1.38	in.
		backflexing		40	mm	1.57	in.
Manufacturing width		standard		2000	mm	78.74	in.
		maximum		2000	mm	78.74	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 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.