Technical datasheet

TG E12.50 FC

Article code: FBTG056421

General information

Product group	High performance flat belts
Product sub type	Classic
Industry segment	Container & packaging; Carton & boxes
Main product feature	Wear resistant, Oil & grease resistant, Heat resistant, Cut resistant
Application	Flexofolders

Belt construction

Tension member		Polyester fabric
Top side	**material**	Natural rubber
	finish	Fine
	color	red
Bottom / Pulley side	**material**	Polyester fabric
	finish	Fabric textured
	color	black

Characteristics

Food Grade (FG)	no
Antistatic (AS)	yes
High conductive (HC)	no

Technical data

Belt thickness	ISO 2286-3		5	mm	0.2	in.
Weight	ISO 290703-1		5	kg/m²	1.02	lbs/ft²
Force at 1% elongation	ISO 21181	dynamic	11	N/mm	62.81	lbs/in.
Recommended elongation		min. / max.	0.2 / 0.6	%		
Coefficient of friction, dynamic	ISO 21182	bottom side to steel	0,1			
		top side to steel	0,9			
Minimum pulley diameter	flexing		80	mm	3.15	in.
	back flexing		80	mm	3.15	in.
Operating temperature	continuous	from / to	0 / 80	°C	32 / 176	°F
Belt width	standard		1200	mm	47.24	in.

Fabrication

Recommended splice method	WedgeSkive90D-2.8+

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.

Consult our specialists for further instructions regarding joining, storage & maintenance, tracking & tensioning.

Consult our specialists for calculations with our E-RappCalc© technical calculation program.

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